

7777 DONGHOI

1961

1	17.5	14.5	21.5	20.0	26.3	31.9	29.4	30.9	27.2	26.0	25.3	23.9
2	18.9	14.3	22.1	21.0	26.0	31.8	30.4	31.5	27.7	26.1	24.8	24.0
3	19.7	15.8	22.3	23.3	26.0	29.6	30.4	31.2	28.4	26.7	25.8	23.5
4	21.1	19.5	22.1	23.7	24.2	25.2	30.9	31.0	29.0	26.5	23.6	21.8
5	20.4	20.7	22.8	24.3	24.4	25.4	30.3	30.4	28.0	26.4	20.1	18.3
6	17.6	21.7	23.4	24.6	25.3	26.0	30.4	30.4	27.5	26.3	20.5	15.2
7	16.3	20.9	23.7	24.5	25.5	25.2	30.4	30.3	27.2	25.6	21.8	16.6
8	18.6	19.7	23.6	24.6	27.3	26.4	29.9	29.6	26.3	25.3	22.8	18.7
9	20.1	20.5	22.0	25.1	27.7	28.1	30.0	29.6	25.8	25.8	25.4	18.8
10	20.4	22.3	19.2	25.0	29.7	28.3	29.4	29.7	27.2	25.2	24.3	20.1
11	17.0	21.4	19.0	25.3	30.0	27.4	30.5	31.0	26.7	25.9	23.6	20.2
12	14.9	22.1	20.4	25.1	24.6	24.7	31.4	30.3	27.7	27.3	24.4	20.1
13	13.5	21.1	21.9	25.5	25.1	27.6	31.9	29.2	27.9	24.5	23.7	21.2
14	13.0	20.9	23.0	25.9	26.7	24.7	31.2	28.2	27.7	25.0	22.5	21.2
15	14.4	19.6	22.2	25.3	27.9	27.5	29.8	26.6	26.7	23.8	23.1	21.0
16	16.1	17.2	20.5	24.2	28.2	28.4	29.4	27.1	26.9	25.2	23.6	22.5
17	15.5	14.1	22.1	25.5	27.9	28.0	28.6	28.1	25.4	24.8	23.8	22.6
18	14.4	14.6	23.4	27.1	27.3	27.3	27.4	29.7	25.9	25.3	24.9	23.8
19	15.7	16.4	24.8	27.4	28.9	26.9	26.8	27.7	25.3	25.0	25.4	23.9
20	17.1	19.4	25.6	29.1	30.5	25.7	27.5	24.7	27.3	26.2	23.1	23.8
21	18.1	20.5	24.8	30.7	29.9	27.1	28.3	26.1	28.4	25.3	21.5	24.4
22	17.7	19.8	26.9	28.6	28.4	27.2	28.9	26.9	27.8	24.9	20.9	23.6
23	19.2	17.6	26.5	29.5	24.4	28.5	28.8	29.2	26.0	26.2	19.5	21.4
24	18.5	16.2	28.4	29.8	26.3	28.9	29.7	28.8	25.4	25.8	19.4	21.8
25	19.5	16.6	22.2	30.2	26.8	25.5	31.0	28.0	26.3	26.4	19.0	22.8
26	18.6	17.1	19.9	23.7	26.2	28.0	30.7	28.4	28.0	25.0	20.1	23.3
27	19.2	17.3	18.4	22.1	26.7	28.7	30.4	28.9	29.1	25.5	22.2	23.4
28	19.7	18.6	17.4	23.5	27.4	30.1	30.6	29.8	28.4	25.8	22.6	22.5
29	21.0	-99.0	18.8	24.1	27.2	26.5	31.3	27.4	29.0	24.9	23.1	17.2
30	21.5	-99.0	19.9	25.4	29.6	28.1	30.4	28.2	27.5	25.7	23.6	18.5
31	20.2	-99.0	20.8	-99.0	30.9	-99.0	29.3	26.9	-99.0	25.2	-99.0	16.1

1962

1	13.9	13.8	16.3	22.8	27.0	27.8	31.9	28.4	28.4	26.5	26.1	15.1
2	14.3	15.4	14.8	25.1	26.9	27.3	30.9	29.3	30.6	25.9	26.5	16.7
3	13.5	16.1	16.0	20.6	29.2	28.8	29.0	29.0	27.6	26.7	25.8	17.6
4	14.3	15.2	17.8	19.2	30.0	29.0	28.1	27.3	26.0	27.2	20.4	18.2
5	16.6	16.8	19.5	21.9	29.6	30.0	27.4	27.3	22.8	26.1	19.8	19.3
6	18.1	17.9	21.2	23.1	28.3	31.0	27.3	27.0	23.0	25.5	22.0	18.4
7	18.8	18.0	21.3	24.5	28.4	30.6	27.5	28.1	23.1	25.5	23.4	18.5
8	17.4	18.6	22.1	24.1	28.8	27.3	28.7	27.8	24.3	25.3	22.7	19.2
9	15.2	18.4	22.1	23.6	27.4	28.8	29.6	27.4	24.4	25.5	23.3	19.4
10	16.1	20.7	22.0	23.8	25.6	28.5	29.7	28.0	24.9	26.4	23.4	20.6
11	17.6	21.4	22.0	24.3	26.3	29.7	26.1	28.1	26.7	25.7	22.0	20.2
12	19.7	21.8	22.6	24.1	26.8	30.1	24.9	28.8	26.7	26.3	21.6	20.2
13	18.4	22.0	22.4	22.3	27.1	30.5	25.9	28.2	26.8	26.7	23.3	20.6
14	21.0	18.7	23.7	20.8	27.9	30.8	26.0	27.7	26.8	27.4	22.2	21.4
15	21.3	14.8	22.8	22.6	28.4	29.9	29.0	27.8	26.4	20.5	22.7	21.8
16	20.4	14.6	23.2	24.8	27.8	29.2	28.1	29.2	25.9	19.8	22.8	22.0
17	17.0	16.3	23.3	27.1	28.3	26.7	27.6	30.4	26.2	20.8	24.1	21.6
18	15.8	17.3	23.0	21.9	26.4	27.0	26.3	30.0	26.4	25.2	22.9	20.1
19	14.1	17.0	23.8	21.6	24.2	28.7	28.3	29.5	25.3	26.6	23.0	21.0
20	13.2	16.4	26.6	22.7	25.5	28.7	29.9	29.6	26.5	25.9	23.9	20.5
21	14.7	17.9	28.6	24.3	25.8	30.8	30.5	29.7	27.2	24.2	24.9	18.6
22	14.9	19.6	23.1	24.9	26.9	31.7	31.4	29.4	25.3	21.0	23.8	18.7
23	14.8	19.2	18.4	25.5	27.4	32.1	30.7	28.9	25.7	22.8	19.6	17.4
24	14.8	20.9	15.4	24.9	27.3	32.3	29.3	25.6	25.7	22.2	19.9	17.0
25	15.4	21.6	15.4	22.9	29.5	31.2	29.3	26.3	26.6	24.4	21.3	17.5
26	16.3	21.5	17.3	23.4	31.8	31.2	29.7	28.3	25.4	24.3	22.2	19.2
27	15.0	20.2	17.9	24.5	31.9	31.4	30.2	28.7	25.9	22.6	20.1	18.9
28	15.2	18.9	19.8	25.4	33.1	31.6	30.4	28.9	25.5	22.6	16.7	19.5
29	17.6	-99.0	18.9	25.6	33.1	32.2	29.0	28.8	25.3	23.3	14.6	21.4
30	16.1	-99.0	18.2	25.9	30.9	31.2	29.5	29.6	26.6	24.4	14.1	18.9
31	13.8	-99.0	20.1	-99.0	28.8	-99.0	29.5	28.1	-99.0	24.8	-99.0	17.4

1963

1	18.9	18.1	17.4	22.2	25.8	31.4	30.1	29.2	28.1	25.0	23.4	23.8
2	19.0	18.7	19.2	22.4	26.0	28.8	30.6	28.4	27.8	26.1	22.7	22.7
3	19.0	18.7	18.7	23.0	24.7	28.0	29.7	27.3	27.1	24.8	24.5	19.3
4	20.5	17.9	20.4	23.9	25.6	26.9	26.6	26.7	27.4	24.5	23.3	17.3
5	18.3	19.6	21.2	23.6	25.0	27.1	28.4	26.7	27.8	23.7	24.2	19.8
6	16.6	21.3	20.4	23.7	26.2	28.6	29.5	26.5	28.6	24.8	23.7	20.7
7	16.7	21.3	20.1	23.8	26.2	29.8	30.5	27.2	29.2	23.7	24.2	21.5
8	15.6	21.0	20.6	18.1	25.3	27.9	31.0	27.5	26.1	25.1	24.1	22.3
9	16.0	17.2	22.8	16.1	25.8	28.0	31.6	27.1	26.2	24.8	24.4	23.3
10	16.8	16.9	23.1	18.4	27.0	25.6	31.9	27.5	27.5	25.8	25.3	19.7
11	14.7	16.1	23.0	19.6	27.3	26.7	31.6	28.5	28.4	26.0	25.1	17.4

12	14.3	15.5	22.5	22.1	27.3	28.0	29.3	29.0	28.5	26.4	25.0	17.9
13	13.9	16.4	20.6	23.0	27.3	29.5	29.0	29.4	29.3	25.7	24.9	18.6
14	12.9	17.3	17.1	23.5	26.7	29.0	29.5	29.3	29.5	26.3	24.9	19.8
15	13.9	18.2	15.3	25.1	26.7	29.3	29.1	30.1	30.6	26.2	24.5	20.8
16	14.4	18.7	16.1	25.9	25.5	27.2	29.8	30.2	30.1	25.8	24.4	21.7
17	15.2	20.2	17.8	25.0	26.3	29.1	30.3	30.4	27.4	24.6	23.6	21.0
18	15.4	20.8	20.5	24.4	26.1	30.5	30.8	29.9	26.6	21.2	24.5	20.6
19	16.3	21.1	21.7	25.1	27.2	29.0	29.0	30.2	28.1	22.8	24.7	20.7
20	16.7	20.8	21.9	26.8	28.5	28.4	29.0	29.0	28.2	21.7	23.9	18.8
21	17.8	21.0	22.7	27.0	24.4	28.9	29.1	28.3	27.5	22.5	24.4	18.7
22	18.2	16.3	22.4	25.0	24.4	29.2	29.4	27.4	26.5	22.4	24.4	17.8
23	18.3	16.9	22.3	24.4	26.3	28.4	29.1	26.7	27.5	23.3	24.5	18.2
24	17.3	17.8	23.0	24.5	26.5	28.4	26.6	27.2	25.9	23.9	24.8	19.5
25	17.7	18.6	23.4	25.0	27.7	28.2	25.4	27.5	23.8	24.4	21.2	20.0
26	15.8	18.7	23.2	24.6	27.4	28.4	26.0	28.5	24.9	22.4	20.7	20.6
27	15.0	17.6	23.3	24.7	27.2	29.1	26.0	28.0	25.7	23.4	19.6	18.7
28	15.1	17.0	19.8	25.3	27.5	29.8	26.8	27.9	27.0	24.4	20.1	18.2
29	16.4	-99.0	19.5	25.1	27.8	30.8	26.5	28.0	26.5	22.7	23.4	19.3
30	17.7	-99.0	19.4	25.3	29.0	29.2	26.9	25.5	26.4	22.5	24.2	20.7
31	17.8	-99.0	21.3	-99.0	31.1	-99.0	28.1	28.4	-99.0	24.4	-99.0	22.0
1964												
1	22.4	15.8	17.9	22.7	25.8	31.6	28.2	32.8	28.1	23.0	26.2	22.3
2	21.6	17.5	19.9	23.4	25.9	31.5	27.1	32.3	27.9	24.4	26.1	22.2
3	18.4	17.2	20.6	23.6	26.3	29.3	26.7	31.6	28.9	25.1	25.5	21.6
4	19.0	17.7	21.4	25.6	26.4	26.5	27.8	29.2	29.4	25.9	25.2	16.1
5	19.2	18.1	22.5	25.2	24.8	22.8	27.9	27.1	28.9	25.7	24.4	16.8
6	20.0	19.9	21.8	24.7	24.4	25.8	28.9	27.3	29.0	25.6	24.1	17.0
7	21.9	21.5	21.5	23.6	25.4	29.6	28.3	27.2	27.7	24.2	23.1	18.2
8	22.5	22.7	20.6	24.4	26.3	30.2	27.1	29.4	27.7	23.9	22.8	19.6
9	23.2	22.0	19.4	24.2	27.0	28.3	28.1	30.3	27.6	25.0	20.2	20.8
10	21.8	22.5	18.4	24.7	28.0	29.6	29.3	30.2	27.5	25.1	18.8	21.7
11	21.1	22.9	19.3	24.7	24.9	30.8	29.2	30.4	29.2	25.0	17.5	20.6
12	22.7	21.0	19.9	25.2	23.5	30.6	28.2	31.6	29.6	25.3	18.9	20.8
13	22.5	17.6	20.4	25.6	24.3	30.9	27.9	29.0	27.5	26.3	20.8	22.0
14	22.1	18.8	20.2	25.5	25.5	30.9	29.7	27.8	24.6	27.3	20.6	21.0
15	22.0	20.2	20.1	24.4	26.5	30.6	31.3	28.0	25.6	26.8	22.2	19.8
16	22.1	21.9	20.9	24.3	27.8	31.1	31.7	29.4	26.5	26.6	19.5	17.1
17	22.6	22.4	22.3	25.3	28.0	31.3	31.5	31.1	27.7	26.7	18.1	18.9
18	19.3	21.0	23.2	24.7	29.1	32.5	31.9	31.0	27.7	26.1	18.7	14.5
19	16.0	20.5	23.5	24.9	30.8	32.0	32.2	29.2	26.2	26.5	18.6	15.5
20	16.6	16.5	23.6	25.8	29.8	28.8	31.3	30.0	26.9	26.2	20.0	17.0
21	19.5	13.7	23.7	25.8	28.6	27.9	29.7	30.7	26.2	26.4	22.3	18.7
22	23.0	15.8	24.0	26.1	28.5	29.3	28.2	27.6	25.5	25.8	18.2	18.8
23	22.8	16.6	23.7	25.9	28.0	29.4	27.3	27.8	25.3	23.4	18.3	19.8
24	18.3	15.2	21.9	26.1	28.4	29.5	28.1	26.8	26.5	24.2	18.9	19.8
25	17.2	12.1	17.0	26.4	27.7	28.7	27.9	28.9	26.6	22.7	19.5	20.1
26	17.2	10.6	16.7	26.3	27.4	28.4	28.2	28.4	26.8	25.8	19.2	20.2
27	17.6	12.5	18.6	26.2	27.0	30.6	28.5	28.5	26.4	24.2	19.7	16.4
28	17.4	15.8	20.3	27.5	28.3	31.3	29.9	28.4	26.1	25.1	20.1	16.7
29	16.2	-99.0	21.3	26.5	29.5	32.1	31.6	27.5	25.3	24.5	21.1	18.1
30	14.9	-99.0	22.8	26.2	29.2	30.3	32.4	27.4	25.7	25.3	22.2	18.4
31	15.0	-99.0	23.0	-99.0	30.2	-99.0	32.9	27.0	-99.0	25.6	-99.0	18.6
1965												
1	17.2	20.9	22.1	25.5	24.9	27.6	29.6	29.3	28.2	28.1	26.6	22.3
2	17.5	20.4	23.4	29.2	22.0	28.4	29.1	28.7	24.6	28.4	26.1	22.2
3	19.3	18.2	23.7	30.6	22.7	31.1	31.3	30.0	26.7	27.7	25.2	21.6
4	20.0	19.3	20.4	29.2	24.1	30.9	31.4	30.9	28.1	27.5	25.4	-99.0
5	19.9	21.6	18.4	24.9	25.4	29.3	30.6	31.5	29.5	27.6	24.8	-99.0
6	20.3	19.3	18.0	23.2	26.5	28.1	30.9	31.4	28.2	27.7	25.4	-99.0
7	19.0	18.8	16.3	24.8	28.4	29.3	30.0	31.4	26.6	27.4	25.6	18.2
8	16.6	20.9	15.5	24.2	29.4	29.4	31.5	31.2	26.8	27.2	24.9	19.6
9	17.8	21.8	16.8	24.5	31.1	28.9	31.4	30.3	26.8	27.3	24.2	20.8
10	17.9	22.6	18.6	25.5	31.9	27.2	29.8	29.9	27.3	27.6	22.8	21.7
11	16.9	23.0	19.8	22.6	31.7	26.3	28.2	29.6	27.6	25.1	23.2	20.6
12	16.7	23.2	20.3	22.5	29.7	26.6	25.8	28.6	28.5	26.2	23.5	20.8
13	17.5	22.2	21.0	22.6	29.9	27.4	27.4	28.1	28.0	26.2	23.1	22.0
14	17.2	22.7	21.7	24.4	32.4	28.0	28.0	27.6	27.3	24.6	23.7	21.0
15	17.8	22.9	21.2	24.9	31.9	28.9	30.2	27.6	24.9	23.6	25.2	19.8
16	17.5	22.8	20.3	25.5	26.5	29.2	30.8	27.8	25.7	24.7	25.5	17.1
17	17.2	23.3	19.9	28.3	26.6	29.5	29.8	28.0	26.7	25.1	25.0	18.9
18	17.4	23.5	21.0	23.4	26.8	29.3	29.4	24.5	25.1	25.3	25.0	14.5
19	18.7	24.1	21.5	24.0	27.1	29.2	31.7	25.9	26.8	23.4	24.3	15.5
20	17.8	24.0	22.5	25.4	26.9	27.3	32.2	25.4	24.4	25.0	22.8	17.0
21	18.8	23.9	23.0	28.6	27.0	26.9	32.5	27.6	26.0	23.0	19.8	18.7
22	18.3	23.5	23.4	29.1	27.2	28.0	29.4	26.9	25.9	23.3	20.0	18.8
23	18.2	22.9	23.3	29.4	26.9	28.4	30.4	27.5	26.5	23.5	21.9	19.8
24	19.0	21.3	23.6	27.6	27.5	29.1	29.2	27.4	26.9	25.1	22.7	19.8

25	18.9	19.1	23.7	28.4	29.0	29.7	27.8	27.9	26.0	26.1	23.3	20.1
26	19.0	17.1	24.1	27.4	27.9	30.9	26.9	27.1	26.5	26.6	20.3	20.2
27	20.3	18.1	24.2	27.1	27.9	30.6	29.0	25.4	27.2	26.7	17.6	16.4
28	21.5	19.7	24.2	31.2	28.8	29.2	30.1	26.0	28.6	25.0	18.6	16.7
29	22.1	-99.0	24.7	27.4	25.3	28.4	29.3	27.7	28.9	25.5	20.5	18.1
30	22.8	-99.0	25.0	24.4	24.5	29.6	28.3	29.4	27.9	25.8	22.4	18.4
31	22.1	-99.0	25.2	-99.0	26.7	-99.0	28.9	29.3	-99.0	26.3	-99.0	18.6

1966

1	17.2	20.9	23.8	24.2	28.0	31.0	30.9	27.9	25.6	26.0	24.5	16.0
2	17.5	20.4	23.2	24.4	28.5	31.1	31.0	26.1	27.0	25.9	23.3	13.2
3	19.3	18.2	24.9	25.7	24.0	30.8	30.3	28.0	27.4	25.8	22.5	14.8
4	20.0	19.3	25.8	26.4	22.9	28.2	30.8	27.9	27.7	26.3	21.9	17.0
5	19.9	21.6	24.4	24.3	23.8	27.7	31.2	26.8	27.8	27.3	23.1	18.8
6	20.3	19.3	26.6	23.8	24.9	27.4	31.6	27.4	27.5	27.7	23.3	20.1
7	19.0	19.1	28.3	25.1	24.2	28.0	30.3	28.2	27.6	26.8	22.9	21.1
8	16.6	20.9	21.9	25.6	23.7	30.8	30.8	28.1	27.3	26.5	23.1	21.6
9	17.8	21.8	18.0	25.5	25.6	30.7	30.5	28.8	26.1	24.9	24.8	22.4
10	17.9	22.6	18.4	25.4	31.2	31.4	28.8	29.9	26.1	25.9	25.0	22.9
11	16.9	23.0	19.4	25.7	31.7	30.0	28.3	30.2	26.4	26.8	24.6	22.3
12	16.7	23.2	21.6	26.1	33.2	31.8	28.8	30.3	27.1	26.6	24.4	22.0
13	17.5	22.2	23.9	26.1	32.1	28.6	28.7	30.1	26.6	26.4	26.5	22.2
14	17.2	22.7	24.5	26.6	28.5	29.5	30.4	30.9	27.2	27.1	26.0	22.2
15	17.8	22.9	24.2	26.8	26.8	30.1	31.1	31.8	27.1	24.5	19.6	23.0
16	17.5	22.8	24.5	25.5	26.7	29.0	29.7	30.9	25.1	25.7	21.4	24.0
17	17.2	23.3	25.2	25.4	26.3	28.3	27.9	30.6	26.2	24.8	21.8	24.6
18	17.4	23.5	28.5	25.3	26.4	28.7	27.8	30.9	26.7	21.6	22.2	24.9
19	18.7	24.1	19.4	26.3	25.4	29.8	27.3	31.3	26.3	22.1	23.1	24.4
20	17.8	24.0	19.8	26.3	23.0	30.7	28.2	29.9	26.0	22.9	24.0	24.3
21	18.8	23.9	23.2	25.0	23.3	31.8	29.0	25.2	25.3	25.5	19.2	23.7
22	18.3	23.5	27.6	26.9	24.7	31.9	29.0	25.3	24.9	25.8	18.5	24.4
23	18.2	22.9	28.8	27.7	23.6	30.4	28.9	26.3	25.7	24.5	20.8	23.8
24	19.0	21.3	26.6	27.7	25.8	30.0	28.6	28.2	26.7	24.6	21.8	23.2
25	18.9	19.1	25.1	29.4	26.6	29.7	29.2	28.4	25.8	25.5	22.4	24.4
26	19.0	17.1	23.0	30.8	26.1	29.9	30.3	27.7	25.0	25.4	18.9	21.4
27	20.3	18.1	20.6	29.2	26.3	30.2	30.6	27.3	24.5	26.0	19.4	17.1
28	21.5	19.7	21.5	30.3	27.0	31.1	30.6	26.5	24.9	23.6	21.8	15.0
29	22.1	-99.0	22.5	32.6	29.0	31.3	29.8	27.6	24.7	20.8	23.0	16.4
30	22.8	-99.0	23.7	30.6	30.0	31.7	29.3	27.0	25.2	23.3	21.2	18.2
31	22.1	-99.0	24.9	-99.0	30.6	-99.0	28.8	24.6	-99.0	24.0	-99.0	18.6

1967

1	17.5	14.7	16.2	22.6	28.3	31.0	32.2	31.6	29.5	24.7	25.0	17.4
2	14.1	12.3	18.6	22.8	26.8	30.3	31.5	32.3	29.8	25.3	25.0	16.9
3	12.6	12.5	20.9	24.2	26.3	29.7	30.6	32.2	30.2	25.3	25.5	17.9
4	11.7	14.7	21.7	22.1	27.3	29.9	31.9	32.9	29.4	24.4	23.2	20.2
5	13.9	16.4	18.9	19.8	27.2	27.5	33.2	31.9	26.7	24.3	24.5	21.8
6	15.3	18.5	14.5	21.5	27.7	29.1	33.4	31.2	24.4	24.2	23.1	22.0
7	17.6	19.3	12.1	22.5	27.4	30.5	32.7	30.9	26.9	24.5	22.8	21.0
8	17.1	19.6	14.6	22.9	25.8	26.9	32.4	30.8	27.5	26.1	23.1	18.0
9	15.9	21.2	16.0	24.2	26.0	24.1	31.8	29.2	26.2	25.2	23.8	18.4
10	16.1	19.3	15.2	24.0	27.0	26.2	32.2	29.3	26.9	25.4	25.0	16.8
11	13.3	15.0	16.9	23.8	25.6	25.3	32.1	31.4	26.6	25.8	26.4	13.9
12	11.8	14.6	18.6	24.8	26.6	25.7	32.8	31.9	26.2	26.1	23.0	14.7
13	14.3	15.4	20.2	22.7	27.0	28.1	32.2	32.2	27.1	25.8	18.3	12.1
14	14.8	14.8	20.9	22.8	26.6	28.9	30.2	32.5	25.5	26.1	19.8	14.0
15	14.2	13.8	21.7	23.9	27.1	28.1	29.8	30.3	22.7	27.0	19.5	16.3
16	14.2	15.4	22.4	23.7	27.2	28.0	29.0	28.8	23.6	25.4	21.0	17.9
17	12.9	17.0	22.8	23.2	27.4	31.0	28.3	27.7	24.2	24.3	21.8	18.1
18	13.1	16.8	23.2	23.5	27.0	32.2	27.5	29.4	24.5	22.7	22.3	17.7
19	14.6	17.2	23.3	23.8	29.5	32.1	27.9	28.6	24.9	20.4	22.3	18.4
20	16.7	19.8	22.9	23.3	30.7	33.1	28.6	26.4	25.5	21.2	23.2	19.6
21	17.4	20.8	23.1	24.1	32.2	33.1	30.7	26.7	27.3	22.6	22.9	19.6
22	18.5	20.8	23.3	25.2	33.6	33.0	30.7	29.0	26.2	23.0	21.8	19.5
23	18.9	21.7	23.3	25.4	33.8	31.0	31.5	30.3	23.4	23.5	22.6	20.4
24	18.9	22.0	23.1	23.1	32.3	29.2	30.3	30.1	22.8	24.1	23.0	20.0
25	19.2	21.0	23.1	23.1	32.4	28.1	27.7	27.9	24.9	23.2	23.6	19.8
26	20.4	16.4	23.3	24.1	33.0	28.1	27.7	24.9	25.1	24.1	24.3	20.6
27	22.1	14.0	23.4	25.6	30.8	28.2	28.8	26.6	26.0	24.1	24.3	20.0
28	21.3	13.2	24.1	27.4	29.2	28.8	28.9	26.6	26.8	23.3	23.6	20.0
29	21.1	-99.0	23.5	27.7	30.1	30.4	29.0	27.9	26.6	24.3	24.5	14.9
30	20.1	-99.0	25.1	28.2	31.2	32.0	28.5	29.9	27.0	23.4	19.6	13.8
31	16.2	-99.0	29.2	-99.0	33.2	-99.0	28.7	30.3	-99.0	25.1	-99.0	15.4

1968

1	14.0	22.0	18.2	21.9	22.8	25.4	31.1	30.5	28.0	24.2	25.1	22.3
2	16.0	20.8	14.8	23.4	23.6	26.1	31.9	28.7	27.7	24.6	25.0	22.4
3	15.7	17.2	14.8	23.5	24.7	26.1	32.1	28.4	27.4	25.4	24.7	23.2
4	16.0	16.9	17.3	21.4	26.4	26.4	31.3	28.2	24.9	26.1	24.5	24.0
5	16.3	16.7	19.7	21.4	27.1	26.8	30.8	26.4	26.3	26.5	24.3	23.8

6	17.7	15.3	20.4	21.4	27.3	27.1	30.9	27.6	25.8	29.0	22.5	24.0
7	19.5	14.8	20.7	22.9	27.4	27.7	32.3	29.4	24.7	29.9	24.4	23.6
8	18.5	13.2	21.0	23.6	27.3	28.6	32.6	29.6	27.8	28.7	25.6	22.6
9	17.4	14.1	20.6	24.7	26.4	27.9	32.1	30.3	27.7	25.8	24.7	23.3
10	18.3	13.6	18.8	24.5	26.5	26.5	30.9	29.5	27.4	27.0	23.2	23.6
11	19.4	14.0	20.1	22.2	26.9	28.4	30.7	28.9	26.7	24.8	24.3	23.0
12	19.0	14.9	20.1	18.9	25.8	29.0	31.0	27.1	27.2	25.0	24.7	23.3
13	18.5	13.8	19.9	19.2	24.9	30.4	31.5	26.1	25.8	26.6	24.5	23.5
14	19.7	12.8	22.2	20.8	25.3	31.3	29.9	27.0	26.1	23.6	24.2	23.4
15	19.4	14.4	22.2	22.7	26.6	30.8	29.0	28.2	27.3	25.2	24.5	22.9
16	16.8	15.9	22.7	24.1	28.4	31.3	28.7	27.9	29.3	25.4	23.7	24.3
17	18.3	15.4	23.1	24.8	29.6	31.3	27.8	27.0	28.8	24.7	23.6	23.8
18	18.1	15.3	23.0	25.0	31.0	30.1	28.3	26.3	28.8	25.5	22.7	23.3
19	18.9	15.9	23.0	25.2	31.2	31.1	30.2	28.8	28.3	22.2	23.9	22.9
20	20.6	15.6	23.5	21.7	31.5	31.3	31.6	28.3	28.3	25.6	23.1	22.8
21	21.1	16.1	22.7	21.9	30.1	32.0	30.3	29.7	24.6	22.6	23.1	22.9
22	21.8	16.4	22.7	23.0	30.2	31.4	27.8	31.6	26.0	22.8	23.4	19.1
23	21.8	15.6	22.8	24.9	31.4	31.3	26.6	32.0	25.6	24.5	23.6	18.2
24	21.0	14.6	23.7	24.8	32.0	31.3	26.9	32.0	26.3	22.9	23.8	20.7
25	21.6	14.7	19.0	23.7	33.0	30.7	27.6	32.2	25.5	22.7	23.9	22.2
26	21.6	13.4	16.8	22.0	32.8	30.1	30.4	32.0	26.3	23.1	23.8	22.1
27	21.3	14.9	18.9	21.4	31.2	30.1	31.3	32.0	26.8	22.6	24.8	22.3
28	20.4	17.5	20.9	21.3	26.4	30.1	31.9	32.4	27.2	23.1	25.0	21.9
29	19.8	-99.0	21.3	23.2	26.2	30.2	30.9	32.0	24.6	22.4	23.3	22.3
30	20.6	-99.0	22.0	22.5	28.2	31.1	30.8	30.4	24.3	24.2	22.4	22.2
31	21.7	-99.0	21.7	-99.0	27.2	-99.0	30.2	28.9	-99.0	24.2	-99.0	22.0
1969												
1	22.8	16.7	19.8	20.7	26.2	26.5	29.9	30.4	27.7	23.9	25.2	18.5
2	22.9	16.9	19.4	22.6	26.6	27.6	30.3	31.2	25.5	23.9	24.9	20.3
3	21.9	18.4	20.3	23.3	26.7	29.1	30.3	31.1	26.8	23.8	21.9	17.4
4	21.3	14.0	19.4	22.8	26.2	30.7	31.9	30.9	26.2	25.2	21.8	16.3
5	20.6	12.6	18.5	15.7	27.6	31.5	32.1	30.7	26.5	23.5	23.9	17.4
6	16.7	13.1	18.6	16.7	26.4	27.1	32.2	30.5	26.9	25.6	23.5	19.5
7	15.0	14.0	19.6	18.2	26.7	28.9	31.6	28.7	27.7	24.0	20.5	19.6
8	17.3	14.9	20.7	19.9	26.2	30.4	31.2	27.2	26.8	23.2	20.4	19.8
9	20.0	16.8	19.6	20.3	26.9	31.8	31.4	28.3	27.1	26.1	22.0	16.8
10	22.4	20.1	19.0	22.4	28.6	32.6	31.4	27.3	27.0	23.7	22.4	15.6
11	23.9	21.6	18.6	24.0	28.8	29.8	27.1	27.9	27.2	23.4	21.4	17.5
12	22.0	21.3	17.4	24.8	31.3	30.1	28.3	25.8	27.8	25.2	22.5	17.9
13	18.7	21.9	17.2	25.3	33.0	31.3	29.0	26.8	26.0	24.4	23.8	17.8
14	19.8	22.7	18.3	27.6	32.1	31.3	30.3	26.5	26.7	25.5	23.8	17.3
15	18.1	22.7	20.1	27.9	30.2	31.7	31.2	27.0	26.5	26.0	25.0	17.9
16	16.7	22.7	19.3	25.4	30.1	31.5	31.0	26.3	26.2	26.3	26.1	17.5
17	18.4	23.3	18.5	25.3	31.4	29.4	30.4	26.2	25.6	26.7	24.5	17.6
18	20.9	24.6	20.7	25.1	30.9	27.0	29.0	26.9	24.3	28.2	18.6	17.2
19	22.6	26.7	22.2	25.2	32.9	26.5	27.9	27.2	23.7	28.2	19.8	17.6
20	23.6	23.9	23.7	25.4	31.0	27.9	27.2	27.4	25.6	28.8	21.6	17.3
21	23.6	21.1	22.6	25.5	30.6	28.2	28.1	27.8	26.3	28.3	22.0	18.0
22	24.0	18.6	23.8	25.8	32.1	28.9	27.6	28.1	27.0	27.7	22.6	18.7
23	23.1	19.3	24.1	26.3	32.8	29.2	24.7	27.2	27.0	27.1	22.5	18.5
24	23.5	20.3	24.2	26.3	31.2	29.3	27.5	29.6	26.9	26.4	19.1	19.3
25	23.0	21.2	24.4	25.8	32.0	29.1	28.4	31.0	27.1	26.5	15.7	20.2
26	23.2	21.9	24.6	26.2	31.8	30.5	28.9	30.3	27.1	26.3	17.4	20.8
27	23.4	18.1	24.9	26.4	23.2	31.0	30.2	28.4	27.7	22.0	17.2	20.1
28	23.9	18.5	25.6	25.8	25.3	30.8	29.5	28.2	28.6	22.0	17.3	17.6
29	24.4	-99.0	24.0	25.8	26.2	30.9	30.2	27.8	27.4	24.3	18.0	17.4
30	23.4	-99.0	22.3	26.5	25.5	30.8	30.7	27.6	25.6	24.4	18.1	18.9
31	18.2	-99.0	19.6	-99.0	25.4	-99.0	29.6	27.6	-99.0	25.9	-99.0	19.7
1970												
1	19.6	16.9	22.2	24.7	28.4	29.2	29.4	28.0	27.3	19.0	16.7	17.6
2	18.8	18.6	24.0	20.0	27.8	29.2	29.2	28.6	26.8	21.6	17.8	19.4
3	20.5	18.3	22.2	19.7	26.7	29.4	30.1	29.9	27.3	21.2	19.2	19.4
4	19.8	19.4	19.6	20.6	26.2	31.0	30.9	30.3	23.8	23.7	20.0	18.9
5	19.5	19.0	19.0	20.1	26.6	30.9	29.9	30.0	24.6	22.6	20.1	18.7
6	19.0	18.3	19.7	22.1	27.1	31.0	29.7	29.5	27.4	23.6	19.3	19.8
7	17.0	19.0	21.0	23.0	26.6	28.7	31.2	29.2	27.7	24.0	20.1	21.0
8	17.4	20.1	19.6	24.1	28.2	28.7	31.1	30.4	28.6	25.0	19.5	20.6
9	17.8	20.4	20.3	25.1	31.5	29.2	30.7	29.7	29.3	25.6	20.1	18.5
10	16.8	21.2	21.7	26.7	32.7	29.6	30.8	29.1	28.8	24.3	19.0	19.3
11	14.6	19.2	22.2	26.6	30.4	27.9	31.4	28.6	28.2	25.6	21.5	21.0
12	17.0	15.1	23.6	21.5	32.4	27.1	31.6	28.3	26.2	25.1	22.6	22.1
13	19.3	17.4	22.3	17.2	30.6	25.5	31.1	28.9	26.8	25.3	23.1	21.3
14	20.6	19.5	22.8	18.0	25.1	24.0	31.1	28.4	29.1	26.2	23.4	19.2
15	18.5	20.1	22.2	19.8	23.4	26.8	30.0	27.9	29.0	25.4	21.8	17.8
16	15.8	18.4	18.8	22.2	24.0	27.4	28.6	28.5	28.5	25.4	17.2	18.4
17	15.8	19.4	18.9	23.0	25.2	27.0	30.0	25.4	29.4	25.8	17.0	18.9
18	16.0	21.6	18.0	24.2	26.2	29.0	29.3	25.6	28.8	25.5	18.8	20.0

19	14.0	21.6	18.0	25.1	27.8	29.8	30.3	27.0	28.8	24.6	20.6	20.2
20	14.6	20.8	19.3	25.0	23.3	30.0	30.8	27.6	27.1	23.4	21.6	19.6
21	16.5	21.7	20.4	25.1	23.8	29.0	30.0	28.5	27.5	23.3	19.8	21.0
22	18.6	21.6	19.0	26.2	25.4	26.5	29.3	29.4	27.4	24.5	20.2	21.9
23	18.3	22.4	17.3	25.6	26.6	26.9	30.1	27.6	27.2	25.4	20.4	22.9
24	19.3	22.8	18.3	25.1	27.5	29.0	29.7	27.5	27.8	24.5	20.4	23.2
25	18.6	22.9	18.3	25.2	28.9	29.4	26.8	27.1	26.8	24.1	22.0	21.2
26	18.5	22.6	17.9	26.0	30.1	30.6	27.3	27.2	26.4	25.9	22.2	17.2
27	20.3	22.7	18.8	23.0	31.2	29.0	27.6	28.3	25.5	21.8	22.7	17.5
28	19.1	22.2	20.8	22.4	30.5	27.4	28.8	29.6	25.7	17.8	22.7	18.4
29	19.8	-99.0	22.0	24.8	29.6	27.9	30.2	29.8	26.7	19.9	20.5	18.1
30	17.8	-99.0	23.5	27.5	28.8	29.0	29.8	30.8	24.6	17.7	17.3	18.9
31	14.8	-99.0	24.1	-99.0	28.6	-99.0	29.5	29.2	-99.0	19.3	-99.0	18.1

1971

1	16.6	13.2	23.8	23.2	26.4	28.6	30.0	29.9	27.2	26.4	22.3	16.9
2	16.3	13.6	23.3	24.4	25.0	29.8	30.3	30.3	27.9	26.6	22.4	18.0
3	15.1	13.2	22.1	25.2	25.6	28.2	30.0	31.2	28.8	26.5	23.7	17.0
4	14.0	14.0	22.2	23.7	26.3	29.6	28.0	31.0	29.8	27.0	24.8	19.1
5	14.6	15.4	22.8	24.3	24.5	31.0	27.4	30.7	30.7	25.5	24.0	20.6
6	15.8	14.3	23.2	24.5	23.1	30.2	26.2	29.0	30.3	24.3	24.3	20.9
7	16.4	13.6	23.6	25.2	22.4	30.4	25.1	29.0	30.0	23.2	23.3	21.5
8	16.9	13.6	22.1	23.5	24.1	29.2	28.7	28.3	29.9	21.7	23.2	21.0
9	17.9	14.8	17.2	23.5	25.7	29.5	29.0	28.0	29.0	20.4	23.6	18.0
10	16.6	16.8	18.1	23.0	28.0	29.5	29.2	28.3	30.5	20.4	22.5	17.8
11	15.5	18.2	20.0	23.0	29.0	30.0	27.8	28.7	31.8	23.4	23.5	19.0
12	17.9	19.8	19.6	24.8	25.8	30.1	25.1	29.4	31.4	22.9	22.9	19.1
13	18.0	20.6	19.4	24.9	26.0	29.0	24.4	27.9	30.3	23.4	22.6	19.6
14	19.0	19.4	18.5	23.8	27.2	27.4	26.2	27.9	28.6	22.6	19.6	19.9
15	18.6	16.2	15.8	23.6	28.1	27.5	26.8	28.0	28.2	22.8	18.5	19.0
16	19.4	15.2	17.9	23.5	29.9	26.4	27.2	28.5	26.6	22.3	20.3	19.4
17	22.4	17.2	19.2	23.9	29.1	26.6	25.0	27.6	26.3	24.0	19.2	18.0
18	20.4	18.2	19.4	23.7	30.0	28.6	25.0	27.4	26.5	23.9	19.1	19.1
19	20.7	20.1	19.9	24.5	30.6	29.8	27.9	26.3	27.1	22.8	19.8	17.9
20	20.2	21.9	21.6	25.1	26.3	27.9	29.2	25.4	25.6	23.6	20.6	17.7
21	21.0	21.4	22.4	24.9	26.2	27.6	30.2	25.7	24.0	25.4	18.9	18.5
22	17.3	21.6	22.2	25.4	26.7	28.0	30.4	26.2	23.9	25.1	20.4	17.9
23	17.8	22.1	20.1	25.6	28.9	28.4	29.7	26.7	24.9	25.0	22.1	19.7
24	18.2	22.4	17.8	25.8	27.4	28.0	29.2	27.0	24.9	24.7	19.2	20.8
25	16.0	22.9	19.3	25.7	25.3	29.0	28.9	26.6	26.0	23.6	18.5	21.6
26	14.3	23.0	20.4	26.5	26.6	29.1	29.7	26.6	26.5	22.5	20.0	20.4
27	15.8	22.7	21.5	26.6	27.0	28.5	28.7	27.4	26.6	18.9	20.5	17.6
28	17.9	23.0	21.9	25.8	27.3	28.4	27.8	26.4	26.9	19.0	21.5	15.8
29	14.9	-99.0	22.8	25.7	26.7	29.2	28.3	26.8	26.7	18.5	21.2	16.7
30	12.5	-99.0	23.3	26.4	27.8	29.6	28.6	27.5	24.6	19.6	17.0	17.2
31	12.0	-99.0	23.2	-99.0	28.5	-99.0	29.9	26.6	-99.0	21.5	-99.0	17.7

1972

1	17.0	20.2	15.6	22.7	29.5	25.8	26.3	29.4	26.9	26.4	25.6	16.2
2	16.7	21.4	15.2	21.8	26.6	26.2	28.0	28.7	26.9	26.6	25.1	18.0
3	18.7	21.6	15.6	22.2	27.8	26.8	29.3	29.3	26.5	26.5	25.4	18.1
4	19.2	22.1	16.0	21.7	30.9	25.8	30.4	28.0	26.4	-99.0	25.6	19.3
5	20.0	20.4	17.1	22.2	28.8	26.7	30.1	24.6	27.3	25.5	25.5	20.0
6	18.6	20.1	18.2	23.0	29.8	27.5	29.0	25.6	26.6	24.3	25.4	21.2
7	16.0	18.4	19.9	24.9	30.0	26.6	27.9	26.6	26.1	-99.0	23.7	21.4
8	15.4	16.3	19.5	21.3	26.8	28.4	27.9	28.5	26.0	-99.0	22.5	21.5
9	14.8	12.3	20.4	19.5	29.8	28.1	29.3	29.1	26.8	20.4	23.4	20.4
10	15.5	11.7	21.6	18.9	30.7	26.6	31.7	29.5	26.3	20.4	22.8	22.6
11	16.4	13.8	21.6	19.0	30.6	28.2	30.4	28.6	26.3	23.4	22.4	22.8
12	16.4	17.7	19.1	20.2	31.2	30.3	30.5	27.2	26.8	22.9	23.2	21.6
13	15.9	19.4	18.1	22.8	30.5	30.4	30.6	27.1	26.8	23.4	24.2	16.0
14	17.4	20.4	20.6	25.0	28.4	30.9	29.6	28.2	27.2	22.6	24.8	13.8
15	14.2	21.1	21.5	24.8	28.7	31.2	28.3	27.4	27.8	22.8	25.0	15.3
16	15.6	21.3	22.4	26.6	27.5	31.8	27.0	27.4	26.4	22.3	24.0	17.5
17	16.8	21.9	22.7	28.4	28.8	31.2	26.1	28.6	27.0	24.0	21.3	19.6
18	18.0	21.3	22.7	26.2	29.4	29.8	28.4	28.5	28.4	23.9	19.7	21.0
19	19.0	21.1	22.7	25.6	30.1	28.3	29.7	28.6	26.9	22.8	21.7	21.4
20	18.3	21.3	22.6	26.1	26.7	29.3	30.5	28.6	27.3	23.6	22.4	21.9
21	17.9	21.2	22.1	25.0	29.2	30.3	28.7	27.1	26.9	25.4	21.1	21.0
22	18.3	21.3	23.4	24.5	30.7	31.4	28.2	28.2	27.6	25.1	21.6	21.7
23	17.3	22.2	23.6	23.5	31.8	31.4	29.2	26.0	27.8	25.0	22.0	22.0
24	17.7	22.5	23.9	22.5	31.9	30.4	30.5	26.8	26.8	24.7	21.6	21.6
25	19.1	24.0	23.7	20.7	30.6	28.7	30.2	27.9	22.8	23.6	21.6	22.2
26	19.2	20.3	20.4	20.7	27.9	27.6	30.1	28.8	23.7	22.5	21.6	22.8
27	18.4	16.4	20.4	22.7	29.8	29.8	28.5	28.3	26.0	18.9	20.6	21.8
28	18.9	14.0	21.8	24.0	29.8	30.8	25.8	27.3	27.0	19.0	19.4	22.1
29	19.6	-99.0	22.4	27.2	28.4	29.9	23.8	27.6	26.3	18.5	19.4	19.4
30	21.6	-99.0	22.3	29.1	28.5	28.0	27.8	28.0	26.5	19.6	18.2	18.1
31	21.4	-99.0	22.3	-99.0	25.2	-99.0	28.5	27.2	-99.0	21.5	-99.0	18.8

1973

1	20.0	19.1	23.2	28.8	28.6	30.0	29.7	28.8	26.0	26.6	22.9	18.6
2	16.7	19.4	23.4	29.8	28.2	30.2	30.6	29.2	26.7	26.6	23.9	18.9
3	15.2	20.0	22.8	28.7	29.5	31.1	30.6	27.4	27.6	26.8	21.7	19.9
4	16.9	21.7	22.8	22.9	25.8	31.2	30.3	26.9	28.5	26.5	22.9	20.4
5	17.1	22.0	23.4	21.7	26.8	29.0	29.0	28.0	28.1	27.9	22.9	20.7
6	17.4	23.0	23.5	24.0	28.7	26.1	28.2	27.3	28.7	28.4	22.5	19.3
7	16.5	22.7	24.2	26.4	30.0	26.9	25.9	26.5	28.8	26.8	19.8	20.7
8	17.9	20.8	24.0	31.0	30.4	29.0	26.7	24.9	28.5	24.7	21.5	19.0
9	18.6	21.3	24.6	32.0	28.0	28.2	28.4	27.4	27.2	23.2	23.5	19.4
10	19.4	21.7	24.8	27.4	26.0	29.2	28.0	27.2	27.3	22.6	24.4	20.6
11	18.3	23.1	24.6	30.2	27.3	30.9	26.9	26.6	27.9	23.8	24.5	21.3
12	16.8	22.6	23.8	24.8	29.8	30.1	26.6	27.8	28.0	24.4	20.5	23.0
13	18.5	21.4	23.8	24.8	31.5	30.7	27.3	29.1	26.4	23.8	17.9	19.8
14	19.8	19.7	23.7	25.4	30.9	30.7	28.0	29.9	25.7	20.6	20.0	19.3
15	20.0	18.5	23.8	26.0	30.0	31.1	28.9	30.4	28.0	23.6	21.4	21.0
16	20.1	20.4	20.4	26.2	30.3	30.0	29.0	31.2	26.7	23.0	20.4	20.3
17	19.2	22.7	21.2	26.2	31.3	31.6	28.4	31.8	26.6	22.8	20.9	19.3
18	18.7	23.0	20.8	23.4	32.0	31.7	30.0	30.2	24.9	23.4	20.8	17.6
19	19.0	22.8	21.4	23.5	32.6	31.8	31.5	30.2	25.0	24.2	21.0	18.7
20	19.3	21.6	23.7	24.6	31.6	32.0	32.4	29.8	25.0	24.6	21.4	19.3
21	20.3	21.1	24.7	25.2	31.1	33.2	32.3	29.6	25.6	25.4	21.6	20.6
22	21.3	22.4	24.6	26.6	28.5	33.8	31.7	29.4	24.8	23.9	20.0	20.8
23	21.6	22.9	23.4	27.1	27.8	33.0	31.9	27.7	26.2	24.4	21.1	17.6
24	20.4	23.2	24.7	26.8	28.5	32.4	30.6	26.8	25.5	24.6	19.2	19.5
25	21.1	24.3	22.8	27.0	28.4	32.0	30.4	28.5	25.7	22.8	19.5	18.2
26	20.6	27.3	22.1	25.8	28.9	32.9	30.4	29.3	25.4	23.1	18.5	17.5
27	21.2	26.8	21.4	27.0	30.9	33.3	30.2	29.5	24.8	22.8	18.1	15.0
28	21.4	24.7	22.4	27.2	28.7	30.8	29.7	28.6	26.2	23.6	19.0	16.7
29	20.0	-99.0	24.4	27.8	27.6	29.8	29.9	27.2	26.0	22.3	18.4	17.8
30	16.4	-99.0	25.2	28.8	28.4	29.0	29.6	28.3	26.9	22.5	19.6	17.0
31	17.8	-99.0	25.4	-99.0	29.4	-99.0	29.3	28.0	-99.0	23.0	-99.0	14.6

1974

1	14.4	19.3	16.3	21.6	30.2	27.1	30.2	27.3	28.1	28.2	22.8	20.8
2	14.8	16.1	17.6	17.4	28.3	29.2	30.8	27.7	29.2	28.5	24.2	22.2
3	14.9	17.0	18.1	17.7	26.8	29.8	31.3	28.3	30.1	28.0	23.8	22.8
4	15.1	19.7	19.9	20.2	27.5	29.5	31.1	27.6	29.8	27.6	23.6	23.8
5	16.5	19.6	21.5	22.5	29.1	29.4	30.8	27.7	29.6	27.3	25.4	24.2
6	17.4	17.8	21.8	23.5	29.9	27.1	30.3	27.5	28.0	25.9	25.2	23.0
7	18.2	13.7	22.1	24.8	30.0	25.1	29.6	28.0	27.5	26.6	24.6	20.3
8	17.4	11.6	22.1	25.6	28.4	27.8	30.2	28.2	28.1	24.8	24.3	22.1
9	17.8	12.7	22.2	24.6	28.1	28.9	31.1	30.4	28.1	24.8	25.4	22.2
10	18.8	13.8	21.6	23.3	24.7	28.7	31.5	32.1	27.8	24.4	25.3	21.4
11	19.0	14.1	18.7	22.9	25.0	27.6	32.2	30.2	28.4	23.6	23.6	21.9
12	19.8	14.7	17.9	23.0	26.0	26.9	32.3	28.6	28.2	23.9	24.0	20.8
13	20.4	15.9	18.2	23.4	26.4	26.8	31.7	29.0	27.4	24.1	23.0	18.8
14	20.2	17.3	17.8	22.9	26.6	26.4	30.3	25.6	27.9	21.9	22.9	17.6
15	19.9	18.0	18.2	23.0	26.3	28.2	30.2	25.6	27.0	23.9	21.3	16.6
16	19.8	18.9	17.8	23.5	26.8	29.4	31.6	26.2	26.0	23.5	21.7	19.4
17	21.4	19.7	16.8	23.2	26.9	30.4	31.8	27.8	25.4	24.9	19.7	19.9
18	21.1	21.4	16.8	24.6	27.2	31.2	31.1	28.2	25.5	25.8	17.1	20.1
19	21.1	21.7	17.4	24.8	27.6	31.2	28.7	26.3	27.0	24.5	18.0	17.9
20	21.2	22.2	17.2	28.6	27.4	29.8	28.2	26.8	26.8	23.4	18.8	16.2
21	21.0	21.6	17.6	25.2	27.7	29.6	29.7	29.5	27.2	21.5	20.1	14.6
22	20.2	22.3	17.1	21.2	26.7	30.0	28.6	30.9	25.0	22.1	20.8	16.6
23	20.6	23.4	20.3	21.9	27.0	29.5	29.9	29.6	24.1	22.0	22.0	17.3
24	22.2	21.6	21.4	22.9	27.0	29.5	29.9	29.2	24.6	22.2	21.0	17.8
25	22.5	15.5	22.6	24.4	26.7	30.5	29.9	27.1	26.2	23.2	20.4	16.9
26	18.4	13.2	21.3	24.7	27.1	30.8	29.7	26.8	26.2	22.9	22.0	17.7
27	17.5	14.1	14.9	26.2	26.9	29.3	28.3	25.3	27.2	25.2	19.8	18.8
28	19.6	15.5	16.2	27.8	29.0	29.2	28.6	26.4	27.2	25.3	18.7	19.5
29	21.5	-99.0	17.8	23.6	30.4	29.4	28.4	27.4	27.7	24.5	18.4	19.8
30	21.4	-99.0	21.1	27.3	30.3	29.4	27.8	27.2	29.4	23.4	20.0	20.9
31	22.1	-99.0	21.8	-99.0	24.5	-99.0	28.0	28.5	-99.0	23.8	-99.0	20.5

1975

1	20.6	21.8	22.1	20.8	28.2	26.6	31.0	31.2	27.0	25.5	20.5	20.2
2	20.4	21.8	22.2	18.8	27.8	27.7	31.7	29.8	27.2	25.7	21.6	22.1
3	19.7	22.4	23.4	18.9	27.8	29.0	32.2	29.4	26.1	25.6	21.5	22.7
4	17.5	22.1	23.8	21.5	27.2	30.1	31.7	29.6	26.7	26.4	23.4	23.5
5	15.6	22.3	22.2	22.7	27.0	30.3	30.4	29.9	26.4	26.3	22.4	24.0
6	16.0	22.6	22.9	24.3	27.2	30.7	30.3	30.8	26.5	27.5	21.8	22.9
7	17.4	22.6	23.3	28.5	27.3	30.7	30.1	31.0	26.4	27.7	20.5	24.0
8	18.8	21.8	22.8	24.8	28.7	30.9	30.2	31.6	27.0	24.8	21.9	23.6
9	20.1	18.3	23.0	24.4	29.2	31.5	29.9	30.6	25.4	25.6	23.8	23.0
10	18.8	16.9	23.9	26.9	30.4	30.9	28.5	26.5	26.2	25.6	24.8	18.9
11	17.1	17.2	23.8	26.6	28.0	30.9	27.6	23.9	26.6	25.2	24.8	15.8
12	16.1	17.8	24.3	24.9	27.4	31.0	28.6	26.6	27.4	26.3	25.0	12.1

13	17.0	19.0	25.4	24.6	27.6	29.9	27.5	27.8	27.3	26.6	22.8	12.2
14	18.4	20.7	24.5	24.9	26.5	28.2	26.8	27.0	27.5	24.2	20.4	9.4
15	19.8	21.6	18.5	24.9	28.6	28.7	28.5	28.3	26.4	24.6	18.8	8.8
16	19.2	19.8	17.6	25.3	29.5	28.1	27.5	29.1	26.0	21.3	20.7	12.3
17	18.3	19.7	18.8	25.2	30.4	24.5	27.9	28.5	26.8	18.8	22.1	13.4
18	18.1	19.2	20.2	25.2	29.9	25.6	28.1	30.4	27.4	18.8	23.2	13.6
19	16.4	17.3	21.4	24.6	29.8	27.4	28.2	30.2	27.4	23.5	22.9	14.8
20	17.6	15.9	21.1	26.1	30.1	28.6	26.9	29.5	26.6	24.9	22.0	16.2
21	18.6	17.4	22.0	26.5	30.3	27.8	26.6	28.8	27.7	23.0	23.4	17.6
22	17.5	18.4	23.3	25.8	30.4	29.2	28.7	28.9	26.7	23.0	21.5	14.4
23	18.0	18.6	22.8	26.4	27.1	30.1	30.7	29.6	26.4	22.7	20.2	13.4
24	19.2	20.1	21.9	26.3	28.4	30.2	30.4	30.2	27.4	23.1	18.6	14.9
25	20.1	22.0	23.6	26.8	30.4	29.1	29.6	26.8	27.3	24.4	16.6	15.8
26	19.4	22.7	23.5	29.0	29.0	28.0	29.4	26.8	27.0	24.3	17.7	16.7
27	19.4	22.4	24.1	30.8	27.6	29.3	29.4	26.4	27.0	24.8	17.9	18.0
28	19.3	22.0	23.6	31.2	28.0	30.6	29.9	25.8	27.2	24.0	18.1	17.0
29	17.4	-99.0	23.8	27.2	30.0	30.6	31.5	25.1	27.1	24.8	19.9	15.5
30	19.3	-99.0	22.6	27.7	26.8	30.2	32.1	25.0	26.6	21.5	21.0	13.0
31	20.0	-99.0	22.0	-99.0	25.8	-99.0	32.5	26.9	-99.0	20.0	-99.0	15.0

1976

1	16.4	16.0	16.0	19.8	25.8	29.0	27.9	26.8	28.2	25.8	23.5	20.3
2	17.6	16.4	13.8	21.3	26.7	22.5	27.2	27.6	26.8	24.8	25.6	20.4
3	17.9	18.6	13.4	22.3	27.0	22.7	27.8	28.2	27.2	23.4	25.6	20.5
4	18.7	18.8	14.1	21.5	27.4	26.7	27.8	27.6	27.6	22.4	25.3	21.0
5	19.2	18.8	16.2	20.8	21.5	28.1	28.8	27.4	27.9	24.6	25.2	20.6
6	17.8	18.0	18.5	21.4	20.8	28.4	29.5	28.9	26.8	25.1	24.1	19.6
7	17.4	18.6	19.5	22.7	21.8	28.4	30.8	29.5	29.4	25.7	23.6	19.2
8	18.2	20.2	20.8	23.2	23.6	30.5	30.8	30.1	30.1	26.0	22.3	20.5
9	17.0	18.5	21.2	22.9	25.6	31.0	31.3	29.9	31.2	26.1	23.6	16.2
10	16.2	18.1	20.8	22.1	27.8	27.0	31.6	30.3	31.0	25.1	23.9	16.2
11	15.5	19.1	21.3	23.2	25.0	26.2	32.0	29.0	29.0	26.3	23.7	17.8
12	14.6	20.8	22.0	25.7	23.6	28.8	30.4	27.1	25.8	24.3	23.6	19.2
13	15.0	21.1	22.3	23.4	23.8	30.2	29.0	27.6	26.9	24.4	21.7	18.8
14	14.4	20.7	22.4	21.6	25.4	31.8	27.5	28.9	26.4	22.9	19.7	18.4
15	14.6	21.3	22.2	22.7	26.6	32.1	27.6	27.1	27.2	21.6	17.3	19.6
16	15.8	21.3	22.8	27.9	27.0	32.6	28.3	27.4	27.6	23.2	18.3	20.5
17	16.8	21.2	24.9	30.4	26.8	32.8	28.8	25.4	27.8	24.9	15.6	21.4
18	17.4	21.2	24.0	28.2	26.8	31.8	28.8	26.6	27.6	25.1	15.7	21.1
19	18.0	21.3	21.2	26.2	26.9	30.8	28.9	26.8	28.4	26.0	18.2	21.2
20	17.4	20.9	17.2	24.4	27.8	29.4	29.1	26.9	28.8	25.3	17.4	21.7
21	18.3	20.9	18.0	24.8	26.8	28.0	27.8	27.6	27.9	25.7	15.0	22.1
22	19.1	21.3	18.4	24.8	26.8	29.9	27.2	27.1	26.1	28.2	16.4	21.8
23	17.8	19.8	18.8	23.9	28.0	30.3	27.8	26.9	25.0	29.2	16.8	22.6
24	14.9	19.8	18.7	19.1	30.1	29.4	29.6	28.3	25.2	27.8	16.3	22.3
25	16.6	17.5	19.8	20.3	31.5	29.0	30.7	29.6	23.8	24.8	16.0	21.5
26	18.7	18.2	21.2	23.3	30.8	28.4	30.0	28.9	25.2	22.5	16.1	21.2
27	19.2	23.8	22.0	24.2	31.0	28.8	28.8	27.6	25.8	24.9	17.2	18.3
28	18.7	25.3	23.2	25.0	31.0	31.5	28.0	27.0	25.7	26.4	17.6	15.8
29	18.6	18.9	23.2	25.8	30.3	31.8	27.5	26.6	26.0	24.3	17.8	13.7
30	17.2	-99.0	23.1	26.6	30.0	30.4	27.2	26.0	27.5	24.5	18.7	14.8
31	15.6	-99.0	21.2	-99.0	30.2	-99.0	27.9	28.5	-99.0	24.3	-99.0	15.6

1977

1	15.5	14.4	22.5	19.3	25.4	31.3	31.2	32.2	27.6	26.4	25.0	16.4
2	16.0	12.9	20.6	19.8	25.8	31.8	32.1	32.0	27.6	25.9	24.0	16.3
3	15.1	12.4	18.9	20.2	26.2	31.6	32.0	31.4	27.4	26.5	24.4	18.2
4	12.8	12.8	16.6	22.0	25.6	31.1	30.5	31.5	25.4	26.4	23.2	19.9
5	13.0	13.8	15.3	22.7	25.2	30.7	29.3	30.4	26.6	26.8	22.6	18.8
6	15.1	14.8	15.7	23.1	25.6	31.5	29.1	29.6	27.5	26.4	24.0	19.0
7	17.4	15.4	15.8	23.5	25.6	32.3	30.1	27.6	26.3	26.8	23.4	20.2
8	17.6	15.4	17.5	23.9	26.6	31.8	30.5	28.6	27.4	23.0	24.2	20.0
9	17.4	13.2	19.4	23.1	26.0	31.0	31.8	30.4	27.2	21.6	24.7	20.2
10	14.8	14.2	20.3	22.0	26.1	30.1	33.4	31.2	27.3	22.3	24.1	19.8
11	16.2	14.4	21.2	21.8	27.2	28.5	33.0	31.4	27.8	23.7	23.1	20.7
12	18.2	15.8	21.5	22.5	26.0	28.2	31.6	31.5	27.4	23.3	19.8	21.6
13	16.0	18.2	20.5	24.0	26.0	29.0	31.6	32.2	26.8	24.4	19.2	19.6
14	14.9	18.9	20.7	24.6	27.7	29.9	29.6	33.2	26.9	25.4	22.0	20.8
15	15.2	15.8	22.2	25.5	29.7	32.4	28.5	33.4	27.3	25.8	19.8	21.2
16	17.0	13.9	21.8	24.6	31.6	32.8	27.8	29.0	27.0	23.8	18.4	21.8
17	17.8	12.3	22.2	25.2	32.4	32.0	28.2	26.9	27.1	24.8	19.7	22.1
18	18.6	14.1	22.2	23.1	32.3	31.3	28.4	26.3	27.4	24.6	19.3	22.2
19	18.4	15.9	22.5	20.4	31.1	31.5	28.3	27.4	27.2	24.9	20.3	22.4
20	18.5	17.4	22.0	21.2	31.6	32.6	29.0	27.8	27.2	24.0	20.7	22.5
21	18.3	15.1	22.1	22.9	30.0	32.5	26.4	27.7	27.3	23.2	20.3	21.8
22	18.8	13.9	21.7	23.9	28.3	32.0	29.5	27.4	25.7	24.2	21.6	22.2
23	16.1	14.3	23.0	23.9	27.5	31.1	28.1	28.8	25.1	24.6	20.4	22.7
24	17.0	16.5	17.2	24.0	27.9	30.9	29.9	28.2	26.2	23.3	21.4	23.5
25	17.6	18.9	16.4	24.8	29.2	32.4	31.2	25.6	26.3	24.7	22.3	22.8

26	17.8	19.7	18.8	25.1	28.4	32.7	31.2	27.1	24.2	25.4	23.2	19.3
27	20.2	19.7	21.6	28.0	29.4	33.2	31.2	28.7	25.5	25.1	21.6	19.3
28	21.6	21.3	22.4	27.3	30.8	31.9	31.2	29.7	25.2	25.7	20.5	21.2
29	21.5	-99.0	22.2	25.7	32.6	31.4	30.7	28.6	25.7	25.1	19.3	22.9
30	16.8	-99.0	21.0	25.4	31.7	31.8	30.7	27.9	25.4	25.1	17.7	23.6
31	14.0	-99.0	19.5	-99.0	32.5	-99.0	31.7	27.7	-99.0	25.1	-99.0	24.2
1978												
1	23.5	16.6	19.8	25.6	25.7	31.1	28.1	31.4	26.1	27.4	21.2	18.7
2	17.9	16.2	22.7	23.0	26.7	30.3	27.3	31.8	26.2	28.6	21.7	19.2
3	15.7	17.8	22.1	21.6	26.4	28.3	27.0	30.0	26.2	28.4	23.4	19.6
4	15.4	19.4	21.4	21.8	26.7	26.8	27.2	30.4	28.4	27.2	20.9	21.3
5	12.2	20.9	21.9	22.8	26.2	27.6	27.4	30.9	29.2	26.5	21.6	21.0
6	14.5	21.5	22.8	23.3	25.4	29.4	27.4	29.4	29.5	26.1	23.6	19.7
7	16.8	22.4	22.8	24.2	26.4	29.4	26.7	28.2	27.8	25.2	22.3	20.2
8	18.7	22.3	24.2	24.4	26.7	30.0	27.0	28.9	27.7	25.7	23.0	20.9
9	20.1	22.2	22.6	23.8	27.4	28.7	27.4	27.9	27.4	25.0	24.0	22.2
10	19.8	22.4	22.2	22.8	27.0	28.3	27.2	26.0	26.4	23.1	23.0	22.0
11	16.4	22.6	21.0	23.2	22.8	28.4	27.6	24.9	24.5	23.6	21.2	19.5
12	18.9	22.5	22.2	24.0	22.4	29.9	28.6	25.5	26.3	23.2	22.4	18.6
13	20.0	19.7	22.2	25.2	24.6	31.2	29.7	27.2	24.4	24.5	20.8	20.0
14	21.4	18.8	19.9	24.4	25.5	31.1	28.5	28.0	25.0	23.4	21.5	20.6
15	21.6	16.8	18.2	26.0	26.3	29.7	30.3	27.8	24.1	23.8	22.6	20.7
16	21.5	14.8	18.9	24.9	27.7	29.2	30.8	26.9	25.5	24.4	23.2	17.7
17	18.3	13.1	20.4	23.6	27.3	28.6	31.6	26.8	25.2	23.3	22.8	19.0
18	14.6	13.6	21.2	22.4	28.4	27.9	30.9	26.7	25.6	23.1	23.6	19.8
19	13.3	15.8	24.0	24.6	27.9	28.7	28.9	28.4	26.6	24.0	23.0	20.0
20	14.2	16.4	23.6	26.8	29.5	28.7	29.2	30.1	26.6	24.2	22.8	20.9
21	13.9	17.3	25.4	26.8	31.0	28.4	28.4	27.0	26.3	24.9	23.8	20.4
22	15.2	16.6	22.0	26.2	30.9	29.3	28.4	27.8	26.7	25.1	23.0	19.7
23	17.0	17.1	19.2	26.0	31.4	30.2	28.3	27.4	26.0	23.4	23.3	19.6
24	18.4	16.7	17.5	25.4	29.9	30.6	29.0	26.6	24.9	24.8	22.3	18.5
25	19.7	17.4	18.9	26.5	30.1	31.7	30.0	27.0	25.8	25.3	22.4	19.8
26	20.7	17.2	21.0	26.9	31.6	28.7	31.0	28.3	23.4	25.8	21.6	22.1
27	22.1	18.4	22.7	29.2	31.1	26.8	31.0	29.8	24.7	25.0	20.2	22.7
28	21.9	18.8	22.3	30.8	30.2	29.1	30.2	29.3	24.2	22.1	19.2	21.4
29	22.1	-99.0	23.3	28.0	29.8	29.1	29.4	28.8	25.2	21.8	17.4	21.1
30	20.5	-99.0	25.9	25.2	30.6	28.9	28.4	27.1	26.2	18.6	18.2	22.3
31	19.4	-99.0	26.8	-99.0	30.2	-99.0	30.4	27.9	-99.0	18.8	-99.0	20.8
1979												
1	21.8	12.3	20.0	30.0	27.4	30.0	29.8	30.4	26.9	24.2	23.2	18.1
2	23.4	15.6	20.2	28.2	25.3	29.6	30.5	29.2	26.2	24.7	23.8	17.8
3	22.9	18.4	20.2	21.3	24.1	27.6	30.0	30.2	27.2	24.5	24.4	20.0
4	21.5	19.4	21.6	18.9	25.7	28.8	30.5	28.6	28.9	24.6	25.5	20.4
5	21.3	18.6	23.8	19.8	27.4	28.4	31.1	26.7	28.6	24.6	25.2	22.1
6	22.2	17.1	23.6	22.6	27.9	29.4	30.9	27.2	28.1	25.2	25.6	21.1
7	20.0	18.2	24.4	22.7	28.1	27.6	30.5	27.6	27.9	23.9	22.5	21.1
8	18.9	20.3	25.6	23.5	27.4	27.5	30.9	25.6	27.8	23.6	22.6	21.7
9	20.2	22.4	24.5	23.5	27.3	28.3	30.2	24.6	27.4	24.3	22.8	21.0
10	22.2	21.5	24.4	23.4	26.7	30.0	30.6	26.1	27.8	25.0	23.2	20.4
11	22.8	22.2	27.0	24.0	27.6	25.8	30.2	27.7	26.8	25.0	22.7	20.5
12	22.5	22.4	26.3	25.8	30.1	26.6	30.6	29.9	27.2	25.1	25.3	20.9
13	22.4	23.6	24.5	25.7	32.6	24.9	30.6	30.8	27.5	25.5	23.2	20.6
14	22.1	22.8	22.6	23.8	31.7	26.5	32.2	30.3	27.1	25.7	20.0	19.6
15	20.6	22.0	20.2	24.3	30.6	27.5	32.8	31.3	27.4	26.0	21.0	18.0
16	19.0	20.8	22.2	26.0	24.6	27.9	31.7	30.0	26.6	25.1	22.2	18.9
17	21.1	21.0	22.4	26.2	24.6	27.8	31.6	29.2	25.0	24.7	23.5	19.8
18	22.0	21.6	20.7	27.0	22.3	28.2	31.6	28.7	26.2	24.4	20.6	19.7
19	20.1	21.4	21.8	25.4	22.4	28.0	32.2	30.2	25.7	23.7	18.1	19.6
20	21.0	24.7	21.2	24.8	23.6	27.5	32.4	30.8	24.6	23.6	19.3	21.1
21	21.0	29.1	20.5	24.5	24.7	27.6	30.4	31.4	24.6	26.6	20.8	21.4
22	20.3	27.8	22.3	25.4	25.6	27.5	29.2	31.6	24.4	25.1	19.4	21.9
23	21.2	26.4	22.7	26.3	26.2	27.6	28.3	31.1	26.6	23.5	15.5	21.9
24	21.0	26.8	20.6	26.7	25.5	27.6	27.7	28.2	25.0	24.3	17.0	20.8
25	19.5	27.0	20.9	27.4	27.4	27.5	29.6	28.3	24.6	25.1	16.8	20.4
26	19.4	22.1	21.6	27.1	30.2	29.5	30.4	28.2	24.2	22.7	18.6	18.4
27	20.2	20.3	21.6	27.4	32.3	29.7	29.1	30.0	25.4	23.6	17.7	18.1
28	21.6	20.4	23.8	27.6	32.0	30.2	28.1	28.8	25.9	23.4	18.7	18.7
29	21.5	-99.0	26.0	26.4	32.3	30.4	30.0	27.9	26.6	24.6	16.8	19.9
30	22.2	-99.0	29.1	27.0	29.6	29.6	32.0	27.7	25.1	24.1	18.9	20.7
31	17.0	-99.0	28.6	-99.0	29.4	-99.0	30.5	27.0	-99.0	24.0	-99.0	22.2
1980												
1	22.7	15.6	22.8	21.2	27.7	29.7	28.9	29.5	27.3	25.1	24.3	22.8
2	22.1	16.8	22.9	19.4	27.6	26.3	29.6	28.8	26.3	25.3	25.2	22.5
3	21.6	18.1	22.8	22.4	28.4	26.5	32.6	29.7	25.7	25.6	21.6	22.6
4	20.9	19.4	25.1	24.6	29.4	27.3	32.8	31.8	27.1	25.3	21.2	22.5
5	21.3	16.8	26.4	24.7	26.9	27.9	31.6	32.6	27.0	25.6	23.1	23.0
6	19.6	16.6	27.8	25.2	27.0	27.4	31.6	31.9	26.9	25.7	23.5	23.9



7	18.9	15.9	29.2	25.6	28.1	29.0	32.0	30.9	26.9	26.4	24.9	24.2
8	17.6	14.0	29.0	25.6	30.2	28.7	30.9	31.8	27.2	26.0	25.2	23.6
9	18.6	12.2	23.9	25.2	25.0	29.0	31.0	29.6	27.1	25.1	24.2	21.3
10	19.1	13.5	22.2	24.7	25.5	28.1	31.8	31.1	27.0	26.2	23.8	19.1
11	21.1	14.2	22.8	25.2	27.8	26.8	31.8	32.0	26.5	26.2	23.6	21.2
12	20.6	14.4	23.1	26.7	30.2	28.7	32.2	31.3	26.2	26.4	22.8	20.0
13	21.2	15.5	23.0	29.4	30.4	29.2	32.2	28.8	25.8	26.8	23.0	17.7
14	19.6	16.1	23.4	22.0	30.1	28.8	30.6	28.7	26.8	27.2	24.0	19.6
15	17.4	15.9	23.7	21.2	28.5	29.1	31.4	30.0	26.9	26.5	25.3	20.2
16	18.4	18.0	21.7	20.4	27.4	29.0	29.9	29.5	26.9	26.1	23.9	20.4
17	19.2	18.6	23.0	21.6	26.3	28.4	29.4	28.9	24.4	26.6	22.8	20.2
18	18.6	19.0	24.0	21.7	26.1	27.6	30.5	27.8	24.9	26.6	20.6	21.6
19	19.5	19.5	24.7	25.0	27.2	28.3	29.1	27.3	26.4	25.7	21.4	19.0
20	18.7	20.7	24.8	26.6	27.0	28.8	29.8	28.8	26.8	25.0	23.2	16.1
21	20.0	22.0	24.6	27.9	26.9	28.3	28.5	28.9	27.0	25.0	22.6	15.8
22	19.0	22.2	23.9	31.4	28.2	28.6	27.8	28.1	26.8	26.0	22.1	16.1
23	18.4	22.0	24.5	30.8	28.4	27.2	29.1	28.4	26.3	26.4	22.1	16.0
24	20.2	22.4	24.3	31.1	30.1	26.6	28.0	29.8	26.0	25.7	22.4	16.6
25	19.4	22.8	24.3	27.8	31.2	27.8	27.2	30.0	27.1	24.5	22.6	18.8
26	20.2	23.2	22.5	24.6	27.6	27.6	27.7	29.1	23.8	22.3	22.8	20.5
27	21.8	21.0	19.8	26.1	24.2	27.9	28.6	28.6	24.3	20.6	23.0	19.8
28	24.4	19.0	21.5	27.4	27.0	29.0	29.7	28.7	25.2	18.4	22.9	19.0
29	23.6	21.1	23.9	28.2	31.1	30.1	29.5	28.0	24.8	20.5	22.6	16.8
30	19.0	-99.0	25.4	28.2	31.5	29.3	30.4	26.3	24.4	21.0	23.3	17.1
31	16.1	-99.0	24.8	-99.0	32.8	-99.0	30.8	27.0	-99.0	23.6	-99.0	18.1
1981												
1	18.0	22.3	21.7	25.6	26.1	30.6	27.2	30.2	29.4	29.9	24.4	16.7
2	17.8	22.2	21.6	25.5	25.9	27.7	29.7	30.7	30.0	28.8	25.7	14.3
3	17.4	22.4	22.4	26.2	25.7	28.2	27.4	29.3	30.7	27.0	26.0	14.8
4	18.0	22.6	23.3	26.8	21.3	29.6	25.2	27.5	30.7	26.6	26.1	17.9
5	19.5	22.7	20.4	26.9	22.0	29.6	26.7	26.7	30.6	26.8	26.0	18.5
6	20.7	22.7	20.3	27.2	23.7	29.2	28.4	28.6	29.1	27.2	25.3	18.2
7	20.8	19.3	19.2	26.5	25.2	28.8	28.3	29.6	28.4	27.0	23.3	19.6
8	20.0	19.3	21.2	26.2	26.1	28.2	29.5	30.3	28.4	27.6	16.6	16.6
9	21.0	21.2	21.2	24.8	28.0	26.8	29.4	29.9	28.2	24.3	14.2	18.4
10	19.4	20.8	20.8	25.3	30.0	27.6	29.5	28.0	27.7	19.8	14.0	18.0
11	15.6	20.7	22.0	25.6	31.8	28.1	29.6	28.8	27.8	19.3	17.2	18.2
12	15.3	22.3	23.6	25.7	31.2	27.9	29.6	29.2	28.3	22.0	19.8	20.0
13	16.4	22.6	24.0	25.2	29.6	25.0	29.2	29.7	28.2	25.7	20.3	19.9
14	17.1	22.9	24.4	25.6	30.3	26.4	28.5	28.3	27.9	27.0	20.6	20.4
15	15.9	23.9	24.0	25.8	29.7	27.6	27.7	28.4	25.9	26.2	21.4	17.5
16	17.9	24.7	24.5	26.2	25.6	28.0	28.2	28.8	23.4	26.7	22.7	15.8
17	16.5	20.2	24.0	26.2	25.4	27.0	28.5	27.8	24.6	27.4	22.5	16.7
18	17.3	22.0	26.6	27.5	26.1	27.4	27.7	27.6	25.6	27.2	21.0	15.4
19	18.8	23.0	26.1	28.2	26.1	27.8	28.2	26.4	24.1	27.2	21.6	13.4
20	19.5	23.0	24.2	25.1	27.2	28.3	27.0	27.5	25.4	26.6	23.0	14.0
21	18.8	22.6	24.2	24.8	24.2	30.2	27.9	29.7	27.2	26.7	23.0	14.7
22	19.6	23.0	27.4	26.3	23.3	30.3	29.6	30.8	26.3	27.2	23.2	16.6
23	21.2	24.1	28.6	26.2	25.2	29.6	29.7	31.5	26.0	23.2	23.9	17.2
24	20.9	23.8	29.3	26.6	26.6	28.1	30.2	31.8	27.4	18.6	24.3	15.6
25	19.1	23.1	25.1	26.6	26.6	29.3	30.2	31.5	25.9	20.2	23.2	17.5
26	20.2	18.0	25.5	26.6	27.8	30.0	30.3	30.9	25.3	21.4	23.3	19.0
27	21.5	17.8	24.8	26.4	30.1	29.4	30.8	29.3	26.8	23.4	23.4	18.9
28	20.7	19.4	25.0	27.0	31.0	30.5	30.6	30.0	26.7	22.7	21.7	19.0
29	20.0	-99.0	24.9	27.0	31.1	30.2	29.8	29.2	27.4	21.3	18.2	19.6
30	21.7	-99.0	24.7	27.2	32.5	30.3	29.6	30.1	28.3	22.9	18.9	21.5
31	22.2	-99.0	25.5	-99.0	30.5	-99.0	29.8	29.6	-99.0	24.7	-99.0	21.8
1982												
1	20.9	20.2	17.9	24.3	27.4	32.4	30.8	29.5	29.4	27.0	26.4	20.0
2	20.6	21.7	18.9	24.3	26.5	32.3	30.8	30.6	27.7	26.8	26.3	22.1
3	20.2	21.3	20.2	23.6	25.7	29.9	30.9	32.6	26.4	26.9	24.2	23.0
4	21.0	22.2	21.4	18.5	26.6	26.4	30.2	30.4	26.1	26.5	23.8	22.8
5	20.4	22.7	23.4	18.8	27.7	27.3	29.8	31.0	26.5	25.8	24.0	23.4
6	19.6	22.6	26.8	19.5	29.4	28.0	30.8	30.3	25.1	26.4	24.9	22.6
7	18.1	21.5	24.0	20.2	23.7	27.4	29.4	30.0	27.5	26.2	23.7	17.6
8	17.2	18.6	21.8	21.1	25.8	26.3	30.5	30.1	27.1	26.6	24.7	18.6
9	16.2	18.6	19.1	20.2	24.6	27.8	30.6	28.5	26.5	25.6	23.7	21.6
10	16.7	16.9	19.4	19.8	32.0	27.7	30.4	29.6	27.0	24.6	19.7	22.6
11	18.0	14.4	21.3	20.7	33.2	27.8	30.4	29.2	27.2	24.4	20.4	21.2
12	18.8	14.8	21.4	22.4	32.8	29.4	30.8	30.3	27.6	23.9	22.0	14.5
13	19.0	16.8	22.2	23.8	29.2	30.4	31.1	30.3	27.6	25.1	23.8	15.8
14	20.0	15.3	22.8	22.9	22.9	31.2	30.6	30.0	25.2	24.4	25.8	15.6
15	19.6	14.5	23.0	20.6	22.9	31.0	27.4	29.5	26.0	25.9	25.3	17.4
16	19.2	14.3	23.4	22.2	24.5	31.2	28.2	31.0	26.6	25.7	24.6	17.7
17	16.4	16.4	23.2	24.2	25.4	32.0	28.6	30.9	27.2	23.6	23.9	14.2
18	14.7	20.1	23.0	24.8	26.1	32.4	29.0	30.1	27.7	23.4	23.8	15.8
19	16.8	20.4	23.0	24.7	26.8	31.9	28.4	29.0	27.4	24.2	24.2	16.0

20	17.2	21.0	23.2	25.2	26.5	31.4	28.5	27.5	28.1	24.2	22.8	15.8
21	19.4	21.2	24.2	25.1	26.6	31.4	29.1	28.5	28.0	24.7	24.3	16.6
22	19.3	21.5	23.8	26.8	26.7	31.5	30.0	29.8	27.8	24.8	26.3	16.8
23	19.2	21.0	24.4	26.3	26.9	31.7	31.0	28.5	28.3	25.1	24.8	17.4
24	18.6	21.2	24.2	25.8	27.3	27.4	32.1	28.0	27.9	25.0	23.6	18.0
25	19.5	20.9	24.8	27.6	27.3	27.4	32.0	28.3	27.4	24.8	22.0	19.6
26	19.9	20.4	25.0	27.0	27.5	27.3	31.4	28.0	27.0	25.0	21.7	15.7
27	20.2	20.1	23.6	29.3	28.2	27.2	31.3	29.6	25.9	25.3	23.2	14.4
28	19.1	18.7	19.7	30.3	28.8	27.2	31.4	30.6	26.0	26.4	22.8	14.2
29	21.4	-99.0	19.4	28.7	29.0	26.2	31.8	29.6	26.0	26.5	20.8	13.9
30	21.2	-99.0	20.5	30.1	31.2	29.0	32.0	30.4	25.8	25.8	19.2	16.1
31	21.4	-99.0	22.0	-99.0	31.5	-99.0	29.8	29.3	-99.0	26.2	-99.0	16.6
1983												
1	18.3	23.6	19.5	18.6	23.3	32.6	32.2	26.8	27.0	27.1	21.5	18.4
2	20.4	21.5	20.1	18.5	24.1	32.9	32.2	26.6	26.9	26.2	22.6	19.1
3	18.7	19.0	20.2	19.6	25.0	32.9	33.0	27.6	26.8	25.3	23.2	19.2
4	19.3	18.2	18.8	20.0	26.4	34.5	32.9	27.6	26.7	27.3	23.5	18.6
5	18.2	18.1	15.8	20.5	25.5	34.8	32.6	27.0	27.7	27.7	24.0	19.1
6	18.3	18.5	14.6	21.6	25.8	26.8	33.0	26.6	28.1	27.8	23.4	20.4
7	20.2	18.7	15.5	22.9	26.0	24.9	32.2	26.4	28.2	27.6	25.5	19.4
8	19.2	17.8	16.6	24.0	26.6	26.2	31.5	26.6	28.3	27.5	25.2	20.2
9	17.6	18.9	17.9	29.4	26.6	26.8	31.2	27.0	28.8	26.6	24.5	19.3
10	16.6	19.9	18.1	25.6	28.2	27.9	29.2	27.4	30.3	26.9	25.0	20.5
11	15.8	20.1	19.0	29.3	30.4	29.3	29.6	27.6	28.9	25.6	24.2	20.4
12	14.9	17.2	19.6	26.0	32.1	29.4	29.6	28.5	28.3	26.0	24.5	20.3
13	14.8	15.6	19.1	28.7	32.8	27.0	30.4	28.8	26.9	25.2	23.6	20.1
14	15.7	16.6	18.2	27.9	33.2	28.6	32.0	29.3	26.9	25.1	22.6	20.4
15	17.0	19.0	19.6	25.5	32.1	30.9	31.4	29.5	27.6	24.3	20.9	22.1
16	18.5	18.8	19.5	22.8	26.1	33.1	29.7	28.6	29.3	25.7	20.2	22.4
17	19.2	18.4	16.6	21.3	24.2	33.5	28.6	29.4	30.2	26.2	21.1	21.4
18	19.6	18.6	17.2	23.0	25.9	33.8	27.3	29.1	30.4	27.7	20.5	20.8
19	17.2	19.5	19.1	23.4	30.6	33.7	30.0	27.4	29.0	27.4	21.1	21.5
20	13.6	19.6	21.9	24.9	33.2	34.2	29.8	27.4	27.6	27.1	22.0	21.9
21	12.2	17.3	26.3	24.4	34.0	32.8	29.4	28.9	27.4	26.6	21.7	21.4
22	9.6	16.7	28.8	24.4	35.0	30.4	30.1	30.1	27.9	26.4	22.0	21.8
23	12.2	17.2	26.1	24.0	33.0	28.8	29.4	31.2	28.0	26.6	22.5	20.4
24	13.6	18.0	27.4	24.3	32.5	28.4	29.9	30.2	27.4	26.9	20.0	16.1
25	13.7	17.8	22.0	25.0	31.7	27.8	31.2	27.9	27.3	24.8	20.3	14.5
26	15.4	18.0	20.4	24.6	29.0	25.8	31.6	27.3	27.8	23.2	22.1	14.6
27	17.0	17.7	20.6	25.4	28.9	28.1	31.7	28.2	28.0	21.0	21.0	14.7
28	17.9	18.1	19.6	25.9	29.6	28.4	30.4	29.2	27.0	20.4	19.2	14.1
29	18.4	-99.0	19.0	25.8	30.2	29.3	28.0	29.0	25.2	21.6	18.1	11.7
30	20.4	-99.0	18.5	24.0	30.8	30.4	29.2	28.5	26.5	22.6	18.6	12.1
31	20.2	-99.0	18.6	-99.0	31.8	-99.0	27.8	28.3	-99.0	19.1	-99.0	13.2
1984												
1	13.8	14.3	12.5	24.8	25.6	30.7	31.0	26.7	28.5	26.2	22.2	20.3
2	15.5	16.0	14.2	25.4	28.0	29.0	30.8	28.7	27.2	26.5	21.9	19.0
3	15.6	15.7	15.4	28.3	29.8	28.1	30.9	30.1	26.4	27.4	20.0	20.9
4	14.6	16.6	16.5	31.6	29.2	30.1	29.2	28.3	26.0	27.6	22.0	21.4
5	14.4	17.4	17.4	33.0	24.4	31.2	28.9	28.2	26.4	27.2	23.4	19.9
6	14.8	15.1	19.2	24.0	23.2	29.5	29.3	28.4	26.6	25.2	23.5	19.3
7	15.4	12.8	19.4	24.6	21.8	28.6	29.0	27.8	26.6	23.6	23.6	20.5
8	16.0	12.3	18.2	24.1	22.9	28.2	29.5	28.4	27.4	25.4	25.3	21.8
9	15.5	15.2	17.6	23.9	24.1	27.4	29.8	28.8	27.1	26.6	25.7	21.6
10	14.5	16.4	17.2	23.4	26.2	26.5	28.7	27.8	27.6	26.7	25.8	21.7
11	17.1	16.9	18.2	24.4	26.6	27.6	27.2	26.5	27.8	27.4	25.6	21.8
12	16.5	17.0	19.6	24.2	27.6	29.2	27.1	27.7	26.1	26.5	25.1	22.0
13	18.5	18.3	21.4	24.4	28.4	30.3	28.5	27.8	26.7	26.2	24.9	21.9
14	17.2	17.8	23.6	25.0	28.8	31.4	29.6	26.5	27.2	23.2	24.7	21.8
15	18.2	16.9	23.7	25.2	29.2	32.0	30.0	25.5	26.6	23.6	23.9	23.2
16	19.6	18.8	21.2	25.8	28.8	30.3	29.6	26.8	27.4	24.8	23.8	22.9
17	19.2	19.4	21.1	26.2	28.0	30.8	28.8	27.2	27.4	24.7	24.2	23.6
18	20.2	17.6	23.6	27.6	29.7	31.0	31.2	27.5	27.1	21.7	24.0	24.3
19	18.7	16.5	28.2	26.6	30.1	30.8	32.5	26.2	27.1	21.1	21.8	22.0
20	19.1	18.3	22.4	28.3	28.8	29.2	32.2	28.6	27.5	23.6	23.5	19.8
21	16.0	20.5	19.8	27.2	28.9	28.4	31.9	29.8	27.4	22.8	23.2	19.1
22	13.2	20.2	19.2	24.5	27.7	29.4	31.0	30.4	23.7	23.0	23.6	15.2
23	14.6	20.7	18.8	23.3	26.7	29.3	31.3	30.7	26.9	22.6	22.4	14.0
24	16.0	21.2	19.2	24.0	27.3	30.8	31.3	30.4	26.8	23.0	21.9	13.2
25	15.3	20.3	20.8	25.0	26.8	30.3	31.8	29.8	27.2	23.3	23.6	14.4
26	13.8	17.7	22.4	26.0	25.8	27.8	32.4	28.8	27.4	23.3	22.8	16.4
27	15.0	14.6	22.7	29.2	25.6	30.0	31.3	28.9	27.0	22.4	19.8	16.0
28	16.2	15.0	21.3	25.0	27.4	29.0	30.2	29.0	25.4	22.8	21.6	15.2
29	16.4	13.6	20.3	23.3	29.1	30.0	28.2	27.8	24.8	23.2	21.0	12.7
30	15.7	-99.0	21.2	24.0	29.8	30.3	26.6	27.9	25.5	22.3	19.4	13.0
31	15.0	-99.0	22.4	-99.0	29.0	-99.0	25.3	27.8	-99.0	23.3	-99.0	16.1
1985												

1	18.7	16.5	21.1	17.6	24.0	29.4	30.1	29.2	29.4	23.0	22.8	19.0
2	19.2	17.4	22.4	18.5	24.7	30.8	30.3	29.1	27.1	21.7	22.3	18.8
3	19.3	18.8	22.5	18.2	28.3	31.9	29.9	29.7	27.0	23.4	23.0	21.1
4	21.0	19.5	20.4	19.2	30.2	31.8	30.0	30.2	27.2	24.2	22.8	21.4
5	18.0	21.6	17.0	21.1	30.9	31.4	30.4	30.9	28.6	24.3	23.4	23.0
6	18.7	21.7	18.9	21.8	28.8	31.9	30.0	30.8	30.3	23.8	24.4	23.3
7	19.6	21.6	21.2	22.4	27.5	32.6	29.0	31.1	30.7	23.8	24.2	22.5
8	18.2	22.4	23.0	23.1	27.7	34.0	30.0	29.3	29.8	24.0	24.8	23.2
9	17.6	20.8	22.5	25.4	26.8	33.5	29.4	28.0	27.4	25.0	24.4	23.5
10	16.2	22.0	19.4	27.6	26.5	32.0	28.7	30.1	25.7	26.0	21.6	23.2
11	16.9	20.5	17.7	24.4	27.4	31.2	28.2	30.2	26.3	26.0	22.8	20.7
12	17.4	19.9	15.4	24.3	27.4	31.6	28.0	30.0	26.4	27.1	23.7	17.5
13	15.6	19.6	15.4	23.6	27.1	28.0	27.8	30.5	26.2	27.0	25.1	18.5
14	15.4	19.8	15.4	20.8	26.5	27.8	28.8	30.5	26.4	26.2	25.0	18.6
15	17.0	21.8	14.9	19.9	27.0	27.1	29.0	28.8	24.5	25.8	23.8	15.5
16	17.9	20.7	15.4	20.6	27.4	27.7	28.6	29.9	25.2	25.3	21.7	17.7
17	18.9	21.5	16.6	21.6	27.6	26.6	28.2	30.4	26.5	26.0	20.6	17.8
18	17.4	21.3	17.1	22.4	27.6	27.5	27.9	32.1	25.8	26.4	22.0	19.0
19	18.0	21.3	17.2	23.2	26.5	26.0	29.0	32.0	26.4	25.2	22.3	18.4
20	18.4	20.5	17.3	23.4	26.5	25.9	29.3	30.6	26.1	25.5	23.0	17.3
21	18.0	17.9	16.8	24.0	27.0	28.4	29.0	29.3	25.8	21.4	24.4	16.8
22	19.0	17.0	17.0	24.0	27.4	28.9	28.3	29.6	26.9	21.5	24.8	15.8
23	20.6	15.1	17.9	24.6	26.8	29.8	27.6	29.1	26.1	22.6	25.4	16.9
24	21.2	16.9	20.4	25.5	27.4	30.0	28.4	28.3	25.2	22.8	22.8	17.2
25	18.5	18.3	21.5	25.9	28.1	31.5	30.5	29.4	24.0	24.9	18.5	18.4
26	15.6	18.8	22.7	24.2	29.0	32.3	31.5	29.0	25.0	25.5	20.8	18.0
27	17.2	18.3	26.3	19.0	31.6	30.7	30.4	28.9	26.0	25.6	22.7	18.9
28	18.0	19.1	27.8	19.9	32.3	30.8	29.2	28.3	25.2	24.9	24.3	20.0
29	18.6	-99.0	24.7	21.5	32.0	29.8	29.0	29.6	25.5	24.8	24.7	19.2
30	14.0	-99.0	19.4	23.4	31.3	27.8	28.8	29.8	24.0	24.6	21.4	20.1
31	14.8	-99.0	16.4	-99.0	30.7	-99.0	29.8	28.6	-99.0	24.1	-99.0	20.9
1986												
1	15.6	22.1	13.2	21.6	26.5	31.8	34.1	30.0	30.8	21.8	22.9	17.0
2	16.1	22.0	9.4	23.2	25.0	32.2	33.8	29.0	29.6	21.2	22.8	18.7
3	18.4	21.8	13.0	23.2	24.3	30.3	32.7	28.4	30.5	24.5	23.3	17.7
4	16.9	18.1	14.1	23.4	25.3	30.6	32.8	28.7	28.4	25.9	24.0	16.8
5	16.6	18.8	15.9	23.4	26.8	31.7	32.0	28.8	26.5	26.3	22.9	18.8
6	15.4	17.7	17.1	24.2	25.4	30.3	31.6	29.1	26.4	25.0	23.5	20.8
7	16.3	16.3	18.9	23.9	24.7	30.0	30.3	28.9	27.9	25.9	23.8	20.7
8	16.4	15.4	19.9	23.2	25.2	30.7	30.6	26.9	27.4	25.5	23.8	18.5
9	17.5	17.4	19.9	24.1	25.2	30.7	30.0	26.6	27.5	26.4	21.6	19.8
10	17.0	16.4	20.7	25.7	26.0	31.5	30.6	25.0	26.8	26.4	21.0	18.4
11	18.0	16.4	21.5	25.7	28.4	30.3	30.5	24.6	26.6	22.2	20.9	18.8
12	18.7	19.2	22.0	26.1	30.4	29.2	31.4	28.7	27.4	23.7	21.2	18.6
13	19.4	19.4	22.4	26.0	31.8	27.6	31.7	30.6	28.4	22.4	22.7	20.0
14	18.6	19.9	23.8	25.4	31.2	28.8	30.8	29.4	27.8	23.9	23.7	21.8
15	19.6	21.1	27.0	24.5	27.0	29.3	29.6	28.4	27.3	25.0	23.7	21.7
16	19.6	22.6	28.0	24.1	25.9	32.2	29.7	27.5	27.4	25.5	21.5	21.7
17	21.2	22.6	26.9	25.6	26.5	32.7	30.7	28.1	27.4	26.4	22.7	20.8
18	21.2	22.8	29.3	27.2	26.7	31.4	31.0	29.2	27.0	26.5	23.0	22.6
19	21.0	20.0	23.2	27.0	25.3	29.6	31.0	28.6	26.3	25.9	22.8	19.0
20	22.2	17.5	23.2	27.8	28.6	29.0	30.2	28.8	26.4	25.4	22.0	19.0
21	20.6	17.6	21.8	26.0	28.6	29.8	26.7	30.4	26.0	26.2	20.2	19.3
22	20.0	18.3	21.0	25.1	25.1	31.2	27.1	30.0	25.5	25.2	21.8	18.6
23	22.0	20.2	21.0	25.0	25.2	30.4	27.4	30.4	26.2	26.3	21.3	19.2
24	22.2	19.2	20.4	26.2	26.6	31.2	29.1	30.3	26.2	27.1	20.6	20.4
25	22.1	18.2	20.0	26.7	27.9	30.2	29.0	28.0	26.2	24.8	22.0	21.1
26	18.1	18.8	21.2	26.2	29.2	31.3	29.6	26.0	26.9	26.5	19.5	21.4
27	16.5	18.4	22.1	26.6	28.5	31.2	29.6	27.4	25.1	27.2	18.5	21.3
28	16.6	16.2	22.5	26.5	29.4	32.2	28.6	27.5	25.3	26.6	20.0	20.0
29	17.9	-99.0	22.9	26.0	30.4	32.8	29.0	29.2	26.1	25.0	21.4	20.0
30	19.2	-99.0	28.2	26.5	31.0	33.1	28.8	30.2	25.0	21.0	19.0	21.2
31	19.8	-99.0	22.1	-99.0	31.7	-99.0	28.5	30.4	-99.0	21.2	-99.0	21.9
1987												
1	22.0	20.4	18.2	26.1	27.9	29.7	30.8	30.8	29.7	25.8	26.5	15.0
2	22.6	19.9	17.6	26.0	30.2	27.0	31.0	31.3	29.5	26.3	26.2	14.8
3	22.5	19.8	17.1	21.9	30.7	27.8	29.8	30.2	29.2	26.3	24.5	16.7
4	22.0	19.2	19.4	23.2	29.6	28.7	29.4	29.8	28.3	27.0	20.6	17.0
5	22.1	17.8	21.4	27.3	28.8	29.0	29.5	30.2	28.2	27.5	21.2	16.6
6	19.4	19.4	22.9	30.0	28.6	30.8	30.4	30.2	27.9	27.4	21.8	17.9
7	20.8	19.6	23.9	24.1	28.6	30.2	30.3	31.0	26.8	25.7	21.4	16.4
8	21.8	19.1	26.1	23.0	27.8	24.3	29.7	30.5	26.2	27.0	18.7	16.4
9	19.2	19.6	25.6	24.5	27.2	25.8	30.8	26.7	26.7	26.9	19.5	17.0
10	20.4	20.8	24.8	26.2	26.6	28.6	30.7	26.9	27.9	27.2	22.2	19.1
11	21.8	22.6	24.4	28.3	26.8	30.6	31.4	27.2	27.2	27.7	23.3	19.5
12	21.8	23.3	24.0	27.7	27.8	31.3	32.0	28.0	27.4	28.6	24.1	19.4
13	19.0	22.3	23.8	25.2	27.5	31.7	33.3	28.6	26.9	29.0	24.4	19.7

14	19.8	23.5	24.6	20.9	27.8	31.8	31.0	28.3	27.0	28.3	23.6	19.3
15	19.5	23.0	25.5	20.6	28.6	30.4	30.4	26.6	27.9	27.7	25.3	18.2
16	21.0	22.6	25.0	21.4	32.2	27.7	30.2	25.7	28.0	27.8	25.1	17.5
17	19.7	22.8	27.1	22.3	28.9	27.7	30.4	26.4	26.1	27.7	25.3	17.5
18	20.0	23.4	27.2	23.8	26.9	28.8	31.1	27.7	26.2	27.9	23.2	16.6
19	20.8	23.6	27.2	25.7	28.2	28.5	31.3	29.0	26.7	27.8	21.4	17.3
20	21.7	23.4	26.1	26.4	31.9	30.4	32.8	29.2	25.3	27.0	21.0	19.0
21	21.5	22.6	27.2	26.4	33.4	29.6	32.6	28.5	26.2	27.7	22.7	18.3
22	22.3	23.4	28.0	26.9	33.4	31.2	32.6	25.8	27.4	26.2	23.6	16.6
23	22.4	22.5	28.2	26.7	33.4	32.2	31.1	27.8	27.2	22.5	23.8	18.6
24	21.4	23.3	28.6	26.3	33.0	32.6	29.6	28.6	27.3	20.3	23.6	18.6
25	19.5	22.5	25.6	26.5	33.0	33.0	31.2	29.4	28.0	22.4	23.9	18.2
26	14.9	22.4	20.8	27.1	32.6	32.8	31.3	30.7	25.1	21.7	23.8	18.9
27	13.0	21.1	22.2	26.4	32.2	32.5	32.7	30.5	24.3	23.1	25.0	19.6
28	15.2	17.3	23.6	25.6	28.0	32.2	32.0	31.2	26.1	24.0	24.5	20.4
29	18.0	-99.0	24.0	26.0	26.6	31.4	30.7	31.8	25.4	24.9	19.6	21.0
30	19.6	-99.0	25.3	26.6	27.6	31.6	29.7	31.4	26.7	25.8	14.8	20.2
31	20.8	-99.0	25.9	-99.0	29.0	-99.0	30.2	29.6	-99.0	26.1	-99.0	20.2
1988												
1	20.4	23.4	19.9	20.0	27.2	25.6	30.7	29.4	31.8	22.8	20.8	19.7
2	19.8	23.4	17.4	21.8	26.7	27.2	30.5	27.6	31.8	23.8	21.6	19.4
3	20.6	21.1	16.0	20.9	26.7	27.3	29.0	26.4	33.4	24.2	24.5	19.2
4	21.9	21.6	15.0	20.8	28.3	27.2	29.0	29.8	33.4	25.6	23.2	19.5
5	21.6	22.7	14.9	22.6	28.9	26.0	29.4	31.0	29.8	25.6	23.3	20.6
6	18.9	23.8	14.9	23.6	29.2	26.6	28.9	31.0	29.3	26.2	23.3	18.4
7	19.8	23.5	14.2	22.3	27.8	28.0	30.1	29.8	30.0	26.2	22.7	19.6
8	21.2	22.8	14.6	18.2	29.2	27.8	30.8	29.8	29.5	26.2	22.0	20.5
9	20.0	19.4	14.7	19.0	29.7	30.8	31.4	27.0	28.7	25.4	21.3	21.2
10	19.8	18.4	17.0	20.2	28.7	31.3	31.6	28.8	28.3	25.5	21.5	16.1
11	21.2	17.5	20.4	21.4	27.2	31.0	31.5	29.0	28.7	24.5	21.6	16.3
12	19.8	18.0	21.0	20.9	27.1	29.7	30.4	29.3	29.2	25.8	16.6	17.9
13	19.0	21.4	25.9	21.2	26.6	30.2	29.0	29.9	29.0	25.2	18.0	18.6
14	20.2	21.7	24.8	21.2	26.4	29.6	29.1	31.4	28.8	25.7	20.8	18.1
15	21.2	20.7	24.2	21.2	25.7	30.1	28.9	31.2	27.3	26.2	21.4	18.4
16	20.8	20.5	23.9	21.7	26.2	30.2	29.4	29.2	24.9	25.8	22.4	17.9
17	20.5	18.4	23.4	22.9	27.4	29.4	29.3	30.0	24.3	26.1	21.9	18.5
18	19.2	14.7	19.8	22.4	28.0	29.8	29.6	30.5	25.2	26.1	23.0	18.4
19	16.2	13.8	19.2	23.8	28.7	29.4	32.0	30.3	26.3	25.7	21.8	20.2
20	17.6	14.5	20.4	28.9	30.3	29.9	31.8	30.6	27.7	26.2	19.2	20.5
21	19.6	15.5	22.4	30.2	32.5	30.4	31.8	30.2	26.4	25.2	20.2	20.6
22	19.5	17.3	23.0	24.8	34.3	31.8	31.4	29.6	24.7	24.1	21.2	20.9
23	19.0	19.2	21.0	22.3	34.2	33.2	31.9	29.2	23.7	24.3	22.3	20.6
24	22.2	19.9	19.1	22.2	34.3	33.2	30.7	28.3	25.3	24.1	22.5	20.5
25	23.0	22.6	20.9	23.0	33.7	31.8	30.8	28.6	24.2	23.4	20.9	20.0
26	22.6	22.9	21.4	24.0	31.6	32.6	30.2	28.5	25.9	23.3	21.2	19.5
27	22.6	23.3	23.2	25.1	30.1	32.9	30.4	28.9	25.6	23.0	20.4	19.2
28	22.2	22.9	25.2	25.1	30.2	32.0	32.5	29.9	23.9	21.0	17.2	18.6
29	21.6	22.3	23.8	25.0	31.6	30.7	32.1	30.4	23.2	18.1	20.2	19.8
30	23.5	-99.0	21.0	25.6	30.4	30.5	31.0	30.5	24.2	18.1	18.9	18.4
31	23.6	-99.0	19.6	-99.0	29.0	-99.0	29.6	32.0	-99.0	19.1	-99.0	19.2
1989												
1	18.2	16.2	22.9	21.8	25.3	26.4	30.4	29.6	28.8	27.5	25.6	20.1
2	18.5	16.1	23.1	24.8	27.3	27.2	30.6	28.2	28.4	27.6	25.6	18.5
3	19.5	13.8	22.7	28.0	26.1	28.3	29.2	27.2	29.9	25.6	25.2	17.4
4	19.9	15.0	21.6	30.6	24.0	28.0	27.4	28.0	30.8	24.5	25.3	18.2
5	20.6	16.6	16.5	27.9	23.3	27.5	26.9	27.6	30.0	25.5	25.5	19.0
6	21.2	17.0	15.8	23.5	23.9	29.6	27.9	29.1	26.8	24.6	25.2	19.8
7	22.5	17.7	14.3	23.2	26.1	30.7	29.2	30.2	25.4	25.8	25.2	19.7
8	22.3	17.4	14.0	22.4	27.8	31.0	30.4	29.9	26.4	26.8	25.4	20.7
9	21.4	16.2	15.7	21.0	31.0	27.6	30.0	28.5	26.4	24.9	24.8	20.0
10	22.6	15.4	16.7	20.8	31.0	25.6	28.4	27.7	27.4	22.6	25.0	20.7
11	22.8	15.1	18.6	22.8	29.2	26.6	29.1	26.0	28.7	22.8	26.1	20.4
12	23.2	14.8	19.6	24.9	28.1	28.2	29.5	27.9	28.7	24.7	26.4	22.0
13	18.8	16.9	21.8	25.2	27.8	28.0	28.8	28.8	27.9	23.4	24.6	21.8
14	12.5	19.2	22.4	25.5	23.9	27.4	28.0	28.6	27.4	25.8	24.8	21.6
15	13.6	19.3	22.6	23.8	23.8	29.2	28.1	28.2	26.9	26.5	23.6	19.8
16	14.2	20.0	23.0	22.0	25.5	30.2	28.3	29.1	26.0	26.6	22.2	19.2
17	16.0	21.6	23.8	23.6	26.1	31.0	31.4	29.9	26.2	26.5	22.0	19.8
18	18.6	20.3	23.9	27.0	25.8	31.7	31.2	30.0	26.4	25.4	22.7	19.2
19	18.5	21.3	23.4	26.8	25.4	32.1	31.4	30.3	27.1	23.2	18.2	20.2
20	18.2	21.6	23.8	28.2	26.0	31.9	29.9	28.4	28.7	21.7	19.6	20.2
21	19.2	21.3	21.5	31.8	26.6	31.9	28.3	26.2	29.4	22.0	20.2	21.0
22	16.2	21.5	20.7	26.6	26.8	32.2	27.8	24.7	28.3	20.7	20.2	21.7
23	15.2	22.0	20.8	23.3	27.0	31.7	27.2	24.6	27.4	21.6	20.8	22.1
24	16.2	21.8	22.8	22.0	26.3	30.4	27.5	28.8	27.3	23.6	20.4	21.3
25	16.6	18.8	22.4	23.5	25.6	29.0	29.8	27.2	27.4	24.5	20.7	21.4
26	16.3	18.6	18.5	25.0	26.7	26.4	29.7	27.8	27.4	24.8	22.0	22.3

27	15.0	19.2	18.3	26.6	28.0	27.7	29.5	26.6	27.8	25.0	22.0	21.4
28	15.8	21.5	19.0	25.8	27.7	28.6	29.8	30.1	26.4	24.7	20.8	22.2
29	15.8	-99.0	18.6	25.9	29.0	30.2	27.2	30.6	27.0	25.2	20.6	22.8
30	15.1	-99.0	20.5	24.8	29.0	30.7	26.4	30.0	27.5	24.9	17.3	20.9
31	15.8	-99.0	21.5	-99.0	27.6	-99.0	27.2	29.2	-99.0	25.2	-99.0	19.0

1990

1	20.0	13.9	18.5	-99.0	26.9	26.8	31.0	28.7	29.9	26.7	24.4	18.0
2	19.8	16.4	18.1	24.8	27.3	23.8	28.8	31.0	29.2	26.6	24.8	16.6
3	19.6	17.1	17.7	28.0	28.0	24.8	29.4	30.3	27.6	26.9	25.2	16.1
4	20.1	16.8	17.7	-99.0	24.0	26.2	30.0	28.9	27.1	25.7	26.4	16.1
5	20.8	17.8	16.8	-99.0	22.0	29.4	29.7	29.4	27.3	25.1	27.8	16.6
6	22.0	16.9	15.6	23.5	23.1	31.4	29.5	30.0	27.0	25.0	26.4	18.6
7	21.1	18.1	16.6	23.2	23.8	30.8	31.0	29.0	28.6	24.2	26.6	19.6
8	21.4	19.6	16.0	22.4	25.4	31.6	31.6	29.2	29.2	25.1	26.8	20.8
9	21.8	21.4	16.7	21.0	26.0	28.1	29.2	30.9	29.8	23.9	24.2	20.6
10	22.8	22.0	17.8	20.8	28.0	29.0	29.8	32.0	29.9	25.3	17.8	20.0
11	23.5	21.6	20.0	22.8	26.7	28.9	31.2	31.6	29.9	25.0	19.2	20.1
12	23.4	20.5	21.4	24.9	25.3	29.0	31.2	30.0	28.9	25.1	18.3	21.7
13	23.6	22.0	22.0	25.2	25.4	30.1	31.6	29.0	27.9	25.3	18.9	22.3
14	23.7	21.9	22.6	25.5	25.8	30.0	30.3	29.5	26.5	25.4	22.7	22.4
15	23.5	22.8	22.0	23.8	26.4	30.0	31.1	29.0	27.2	26.6	22.1	23.3
16	19.1	23.0	21.0	22.0	27.9	27.6	30.5	27.7	27.1	24.9	21.4	22.9
17	18.8	21.8	20.8	23.6	24.4	29.0	31.3	27.9	26.6	25.8	22.5	22.6
18	20.8	22.5	19.8	-99.0	24.2	29.0	31.2	29.6	27.4	26.0	23.7	22.2
19	20.3	23.5	20.2	26.8	25.6	29.8	30.4	30.6	25.0	26.2	25.0	22.3
20	17.3	24.0	20.8	28.2	27.8	28.9	30.5	31.6	26.3	26.0	24.2	21.5
21	16.6	23.1	23.0	31.8	27.6	28.4	28.2	31.8	26.9	27.0	24.4	22.3
22	17.6	23.4	23.8	26.6	27.6	28.0	24.6	31.8	27.2	27.0	24.0	21.9
23	13.8	22.8	24.4	23.3	28.1	29.8	27.3	32.2	27.5	26.7	23.1	18.4
24	15.0	20.5	28.8	22.0	25.4	29.2	29.1	32.4	27.0	27.4	22.9	19.0
25	16.3	17.4	26.0	23.5	22.0	29.8	29.9	30.7	26.4	21.5	23.1	20.5
26	17.4	16.5	24.2	25.0	23.8	30.1	29.7	28.9	26.9	20.9	24.2	21.2
27	18.2	17.8	24.0	26.6	25.3	29.9	30.0	27.5	27.0	23.6	21.2	21.5
28	19.6	18.5	24.3	25.8	26.2	29.4	29.9	26.0	26.9	23.4	21.8	21.7
29	20.0	-99.0	24.0	25.9	27.2	30.3	29.0	25.0	26.7	23.2	20.6	21.2
30	20.4	-99.0	24.4	24.8	29.1	30.6	27.8	27.5	26.6	23.1	21.5	20.7
31	20.0	-99.0	25.4	-99.0	29.5	-99.0	28.8	28.2	-99.0	24.2	-99.0	20.5

1991

1	20.5	18.5	22.8	16.0	30.7	28.2	28.3	30.5	29.0	27.3	22.0	22.6
2	22.2	16.9	22.4	16.5	25.3	29.2	28.0	30.4	30.7	27.2	22.8	23.0
3	23.1	18.9	23.1	18.7	23.9	27.5	29.8	29.9	28.2	26.8	19.9	21.8
4	24.0	18.6	23.8	21.2	25.8	27.2	31.0	28.4	28.5	25.6	21.2	21.2
5	21.3	19.4	24.2	23.7	27.7	27.9	32.0	27.8	28.2	24.0	23.1	21.8
6	19.5	20.0	24.7	24.1	30.6	28.6	32.1	26.3	29.5	23.0	23.5	22.1
7	21.2	20.8	24.1	23.4	28.4	27.6	31.0	28.2	30.1	23.0	23.9	20.9
8	22.1	21.7	23.3	24.7	24.4	29.1	29.3	30.1	30.8	23.3	24.4	22.5
9	20.6	22.2	23.8	26.8	23.3	30.4	28.5	30.7	30.2	24.4	25.4	22.0
10	21.4	23.1	24.2	29.2	24.3	31.2	28.1	31.1	29.5	25.7	25.1	21.9
11	22.2	23.2	24.0	28.8	26.7	30.7	27.7	29.3	28.6	26.2	24.0	22.2
12	21.6	23.4	24.5	26.5	27.1	30.1	28.1	29.3	27.3	26.5	23.7	23.3
13	20.5	23.4	24.3	25.4	27.3	30.1	27.8	29.1	26.5	27.4	22.4	22.9
14	20.3	25.6	23.1	25.6	27.2	31.9	27.9	28.6	25.7	27.8	23.7	22.8
15	16.4	21.5	23.3	25.4	26.7	32.7	29.0	27.8	27.1	27.4	22.6	21.3
16	17.4	21.5	23.5	25.5	26.0	32.5	30.0	27.3	25.1	27.5	20.4	21.2
17	18.8	22.9	21.1	25.4	27.0	30.4	30.4	25.1	26.5	25.7	20.9	20.7
18	20.0	22.1	21.4	25.6	27.8	31.8	31.2	26.5	26.4	25.4	20.8	20.5
19	21.0	22.3	23.2	25.7	29.5	31.6	29.9	27.8	26.2	23.5	20.9	20.2
20	21.7	18.9	25.0	24.7	29.1	31.5	30.0	28.9	27.0	23.8	21.2	21.9
21	21.9	16.2	25.2	21.6	30.0	32.3	30.8	29.3	26.7	22.6	22.2	20.6
22	23.3	15.6	26.0	21.1	30.8	31.2	30.0	30.2	27.2	23.4	22.9	20.4
23	23.6	16.1	25.3	22.8	32.0	26.8	27.7	29.5	25.6	23.2	23.6	22.0
24	23.2	17.2	25.5	23.9	31.9	27.7	28.0	28.3	26.2	21.8	22.3	22.8
25	22.5	19.4	25.5	23.9	31.1	25.5	29.1	28.4	27.2	22.7	22.0	23.1
26	22.6	20.8	25.8	25.8	28.7	26.9	27.6	27.4	27.7	23.7	18.9	23.3
27	21.0	22.0	25.4	25.6	27.1	27.9	28.6	27.5	27.8	25.0	19.3	23.6
28	20.3	21.5	25.4	26.1	27.1	28.8	30.2	25.8	26.7	24.3	20.6	15.4
29	20.5	-99.0	24.7	28.0	27.8	30.0	28.9	27.1	25.8	20.9	22.5	11.1
30	21.6	-99.0	24.7	27.7	27.9	28.9	31.4	27.9	27.0	21.2	22.6	13.5
31	20.1	-99.0	20.4	-99.0	28.1	-99.0	30.1	28.2	-99.0	21.9	-99.0	16.3

1992

1	18.7	20.6	23.8	22.0	27.7	31.4	29.8	28.2	30.8	26.5	23.6	19.3
2	20.4	21.7	24.8	21.5	27.6	29.8	31.3	28.4	29.8	26.7	22.8	18.6
3	19.7	21.4	24.6	22.4	28.0	29.4	31.9	28.1	28.0	25.8	23.3	18.5
4	20.2	21.9	23.7	22.6	26.1	28.8	32.4	26.9	29.2	25.8	23.7	19.5
5	19.5	22.5	19.0	23.5	26.2	29.3	32.1	27.3	30.6	24.8	22.6	20.5
6	20.3	22.9	17.2	23.1	27.1	30.9	31.7	28.6	30.7	23.4	23.0	21.8
7	18.9	20.9	16.3	23.5	30.3	30.3	29.0	29.6	29.5	25.8	23.6	21.9

8	15.5	19.9	18.3	23.8	31.6	26.7	26.2	30.5	27.9	24.5	23.0	21.6
9	15.5	19.8	19.2	25.8	31.7	25.6	24.8	30.2	28.8	23.0	18.3	21.8
10	15.6	19.6	19.8	24.6	26.4	27.6	27.2	28.9	29.2	23.1	19.5	21.8
11	16.5	18.9	19.8	24.2	26.5	28.1	27.2	27.4	30.1	24.5	18.9	22.6
12	19.1	17.6	21.2	23.4	27.0	29.1	27.5	27.7	28.4	25.0	19.0	22.3
13	18.9	16.6	22.6	21.2	27.2	30.5	27.6	28.0	27.3	22.6	19.9	22.4
14	13.3	18.7	23.0	19.7	27.4	30.5	28.4	27.9	28.0	20.4	20.4	22.2
15	14.6	19.3	23.4	19.9	27.8	30.3	27.8	28.5	29.2	21.9	19.0	20.9
16	15.1	19.3	23.9	21.4	29.7	31.2	27.4	27.9	27.6	23.2	18.4	17.8
17	15.7	20.0	23.4	22.0	30.4	30.9	28.2	26.5	26.0	23.2	20.1	19.3
18	17.4	21.6	23.3	24.9	28.8	29.7	30.5	27.3	25.8	23.5	20.8	20.8
19	18.1	21.1	23.1	29.3	26.6	29.1	32.0	29.0	26.0	23.5	22.3	21.3
20	17.8	17.2	23.7	30.1	27.9	28.8	32.1	30.3	26.6	23.1	21.9	21.8
21	15.5	15.8	23.7	29.5	27.5	28.4	31.2	30.5	25.3	23.8	19.2	21.3
22	16.9	15.9	24.2	30.2	28.4	30.7	30.0	28.6	26.5	24.1	21.0	21.7
23	17.5	14.8	24.0	25.3	29.5	32.2	27.8	27.5	27.0	22.9	22.1	21.6
24	18.3	15.7	24.4	26.1	28.6	32.7	28.1	27.6	26.8	23.8	21.4	16.0
25	19.8	17.3	27.1	26.7	28.5	32.8	26.4	27.9	26.2	24.8	21.9	14.9
26	20.0	18.0	23.1	25.9	28.5	30.5	27.4	27.2	25.9	23.7	19.9	17.1
27	20.3	18.1	20.9	25.2	26.5	25.0	25.6	26.7	25.4	23.3	20.2	19.6
28	21.7	19.1	19.1	25.1	27.1	23.5	25.4	27.1	24.4	22.2	20.7	21.1
29	20.3	21.5	18.6	25.1	28.5	26.5	26.9	28.7	26.5	21.6	20.1	22.1
30	21.1	-99.0	20.0	26.9	31.1	30.5	27.3	29.1	26.2	21.8	18.9	22.8
31	21.0	-99.0	21.7	-99.0	32.7	-99.0	28.2	29.4	-99.0	23.5	-99.0	22.6
1993												
1	22.6	17.5	17.8	25.4	29.2	32.4	30.9	30.7	27.4	24.4	21.2	22.1
2	21.9	17.5	17.5	26.8	29.9	32.4	29.8	29.1	27.1	22.2	20.5	22.8
3	22.5	18.3	19.0	26.6	27.3	32.6	29.5	30.0	27.9	23.0	21.5	22.5
4	23.2	17.4	18.9	27.2	26.6	32.0	31.2	30.7	27.6	23.5	21.5	22.6
5	21.6	16.6	21.0	25.2	27.5	31.8	32.0	32.4	27.3	26.2	21.5	21.4
6	21.7	17.6	21.7	24.7	28.0	31.9	31.6	32.5	25.1	23.1	21.8	18.3
7	22.7	17.7	22.9	21.8	27.4	31.3	31.5	32.0	24.2	23.6	23.2	17.5
8	23.0	20.2	23.3	19.4	28.3	31.5	31.1	31.6	24.9	23.8	24.4	18.1
9	21.9	20.6	23.6	18.2	27.3	32.4	30.0	31.9	26.4	24.3	25.2	19.4
10	21.6	20.0	23.2	20.5	27.1	31.6	29.0	32.0	27.1	24.3	23.7	18.4
11	21.6	20.0	23.1	22.4	26.2	30.3	26.1	32.4	26.7	24.8	24.5	19.2
12	22.7	20.0	23.1	23.4	27.6	31.6	26.6	32.6	28.2	24.7	24.1	21.4
13	21.9	21.0	22.9	24.6	28.0	31.5	27.9	30.7	28.0	25.0	23.8	22.2
14	22.1	20.6	23.9	24.9	27.1	32.1	28.3	31.2	28.2	26.2	23.4	22.0
15	19.0	21.6	26.8	25.2	26.2	31.4	29.4	29.4	28.2	26.0	23.5	19.4
16	12.6	21.6	29.3	25.9	25.9	33.0	29.4	29.4	28.2	23.5	23.8	17.6
17	12.7	22.2	28.3	26.4	26.1	32.1	29.8	28.6	28.3	22.9	23.8	12.5
18	13.1	23.0	20.7	26.8	26.0	32.1	32.0	30.5	27.7	22.3	24.6	12.6
19	15.0	22.5	18.1	26.4	27.4	32.4	31.8	30.4	25.4	19.8	24.8	14.7
20	15.8	22.5	17.8	26.7	28.4	32.5	32.1	29.7	26.1	20.9	25.1	16.9
21	15.2	23.5	17.9	25.5	28.5	31.5	31.2	29.6	26.9	23.0	21.6	18.0
22	14.5	22.0	19.4	25.4	27.8	31.8	31.5	28.5	27.4	22.7	17.4	16.0
23	14.1	23.3	21.7	26.9	27.3	29.8	30.6	29.3	26.3	24.8	19.7	15.7
24	12.1	23.2	22.8	29.8	29.1	29.2	30.2	28.7	25.9	25.0	17.9	16.5
25	13.8	21.3	24.4	27.3	27.9	30.3	31.4	29.0	26.5	24.2	17.2	17.0
26	15.2	22.0	26.3	26.5	28.7	29.4	33.2	28.3	26.5	25.2	18.0	16.5
27	15.8	22.6	26.4	26.5	27.3	28.3	31.7	28.8	27.0	25.9	18.4	17.1
28	14.8	21.2	25.1	27.1	27.9	30.5	31.5	28.3	27.7	26.2	18.7	18.2
29	14.4	-99.0	23.7	27.6	27.3	31.0	31.3	25.8	28.6	25.5	20.2	16.5
30	14.7	-99.0	23.3	28.0	28.9	31.0	31.4	26.2	26.3	22.1	20.9	17.7
31	14.8	-99.0	22.6	-99.0	30.8	-99.0	31.8	26.2	-99.0	19.6	-99.0	19.9
1994												
1	17.8	20.2	15.5	22.2	30.4	28.1	28.2	28.5	26.2	25.2	20.3	24.8
2	19.4	20.2	15.8	23.8	32.9	27.6	29.5	28.8	26.2	25.4	21.8	24.2
3	21.0	18.5	15.5	24.3	34.8	27.5	29.9	28.2	27.3	25.7	22.6	23.3
4	21.2	19.7	17.7	24.2	31.5	29.3	30.6	28.8	25.9	26.0	22.0	20.8
5	22.8	21.4	20.4	24.0	23.2	29.9	28.7	28.8	27.4	26.8	23.7	19.1
6	22.4	22.7	22.0	24.5	21.4	30.4	30.7	30.3	25.2	26.2	23.6	21.0
7	21.7	23.0	23.2	24.3	23.1	30.3	30.0	30.1	26.7	24.2	23.5	21.0
8	20.6	22.4	22.5	24.5	24.9	28.4	31.0	29.8	29.0	25.5	23.6	22.7
9	20.2	22.1	21.4	24.2	25.6	29.3	29.7	29.3	29.5	26.3	23.4	23.2
10	21.4	22.5	21.7	24.2	27.1	29.2	27.9	29.8	27.7	26.1	23.3	23.8
11	22.5	23.1	21.4	25.0	27.6	30.7	29.2	30.4	28.0	25.9	22.1	24.4
12	22.3	22.9	23.8	25.1	28.1	31.7	31.1	31.5	26.4	25.0	22.5	24.4
13	22.6	23.3	22.7	22.1	28.7	31.3	30.8	32.0	24.7	25.9	23.6	23.7
14	20.5	23.8	18.8	22.1	29.1	31.4	29.6	30.0	26.4	26.8	24.1	20.8
15	19.8	23.8	17.6	23.1	29.8	31.2	27.5	28.8	26.3	27.8	23.8	22.0
16	20.7	23.8	18.5	23.6	30.1	31.6	28.4	28.4	25.3	26.8	23.3	22.5
17	22.7	22.3	18.0	25.2	27.4	32.2	28.9	28.4	26.3	26.2	25.8	22.9
18	21.7	20.8	18.1	26.1	25.8	30.2	27.0	29.4	26.1	25.5	25.2	21.9
19	21.8	20.6	18.7	26.5	26.1	26.1	27.8	28.7	27.6	24.0	24.4	19.3
20	19.8	19.5	18.9	26.9	27.6	25.9	28.6	29.3	29.2	21.7	23.5	18.7

21	14.8	18.6	19.4	26.6	27.9	27.8	30.4	29.0	29.0	21.9	23.0	17.7
22	13.6	20.9	19.3	26.5	28.8	27.8	31.1	28.6	29.0	23.1	23.7	16.7
23	13.4	25.1	16.5	26.5	29.4	28.2	32.0	27.0	26.7	22.6	23.5	19.6
24	15.2	24.8	15.9	26.7	30.8	28.3	30.0	26.1	27.2	22.8	23.7	20.0
25	16.8	21.2	18.0	28.9	30.7	29.5	30.8	26.6	27.3	22.2	22.7	19.0
26	17.5	18.5	18.7	29.1	30.3	29.8	30.6	27.3	26.7	22.2	22.2	19.2
27	19.7	16.9	18.7	26.9	28.0	29.7	29.1	28.4	26.7	21.9	22.5	19.7
28	19.5	15.5	19.1	26.3	27.3	27.6	27.3	29.4	26.2	22.3	24.0	21.0
29	19.5	-99.0	20.6	26.2	28.6	27.2	26.2	27.7	24.7	22.7	24.3	20.9
30	21.9	-99.0	21.0	27.8	30.4	27.8	26.0	26.3	24.2	23.2	24.8	21.4
31	22.0	-99.0	22.5	-99.0	29.9	-99.0	27.2	25.7	-99.0	21.6	-99.0	22.0

1995

1	22.4	12.9	18.6	24.4	26.7	28.6	30.6	28.5	28.8	27.1	25.3	22.9
2	22.1	13.2	20.9	22.3	26.8	29.6	30.5	30.3	28.8	27.2	22.9	22.6
3	19.9	14.5	19.4	19.8	27.0	30.3	30.8	31.3	27.0	27.2	20.0	21.5
4	15.1	13.1	17.3	20.6	26.8	32.3	29.9	29.6	27.3	27.4	23.0	20.8
5	14.2	13.8	17.7	22.0	24.3	31.7	30.8	29.3	27.3	25.8	22.1	21.6
6	16.3	15.1	19.1	22.6	24.7	32.2	31.4	28.9	28.7	24.9	21.0	20.2
7	17.0	17.3	20.9	21.9	25.9	32.4	29.4	29.0	30.4	25.1	21.9	18.0
8	17.1	18.1	21.6	22.8	25.5	29.9	28.7	28.3	30.1	25.1	19.2	17.6
9	19.6	19.4	21.7	23.5	26.1	30.0	29.2	27.9	28.0	25.4	20.0	17.4
10	19.6	19.8	22.6	24.2	25.5	29.0	31.2	27.5	27.2	26.9	21.0	19.5
11	21.1	19.8	22.7	24.9	25.1	29.7	32.1	30.4	24.4	24.9	23.2	20.5
12	21.8	19.9	21.5	24.9	25.1	29.0	32.0	31.2	27.0	24.9	23.0	20.2
13	20.2	21.5	21.1	24.7	26.7	30.1	32.1	29.8	26.1	26.9	23.5	20.3
14	19.7	21.5	21.1	28.4	27.1	30.2	31.7	29.1	25.2	26.9	20.3	20.8
15	19.4	20.9	22.2	27.6	27.2	32.0	31.2	28.5	26.4	26.6	17.2	21.4
16	19.8	19.6	22.6	25.6	24.5	33.1	30.0	28.2	27.0	26.4	19.0	22.3
17	19.8	20.7	23.9	25.2	27.7	33.3	28.9	27.5	26.4	26.5	19.5	22.3
18	20.0	22.8	18.1	25.0	32.0	30.0	26.7	27.4	27.2	26.7	21.5	21.6
19	20.8	21.3	16.2	24.2	31.4	31.0	26.5	29.3	27.0	26.3	21.1	18.9
20	20.0	22.4	17.7	25.4	31.7	31.8	29.5	29.5	25.5	25.7	21.5	18.3
21	20.8	22.1	19.3	25.8	33.0	32.5	30.7	30.0	25.5	25.2	21.2	17.7
22	21.7	21.1	20.3	25.6	27.5	33.1	31.8	28.9	25.7	25.1	19.9	17.6
23	22.2	18.5	21.9	25.8	27.5	33.1	32.1	28.6	26.5	25.9	19.4	17.9
24	19.0	18.4	23.0	25.4	32.5	32.2	31.6	29.2	25.6	26.1	19.1	18.7
25	17.1	17.9	21.3	26.3	32.0	32.3	30.4	29.8	25.8	24.6	18.3	17.9
26	17.7	16.8	19.7	26.1	31.4	32.3	30.2	28.1	26.6	23.9	19.6	17.4
27	17.1	17.0	18.9	26.5	28.8	32.1	31.9	28.3	26.7	24.0	21.0	17.0
28	15.0	17.3	21.2	26.6	28.9	30.1	29.4	24.8	27.2	21.3	21.4	17.9
29	15.8	-99.0	22.6	26.2	29.4	29.5	28.2	25.2	25.6	24.4	22.6	16.0
30	16.3	-99.0	24.9	26.2	30.1	29.0	28.5	27.4	26.5	25.0	22.3	16.0
31	13.6	-99.0	24.4	-99.0	29.8	-99.0	27.2	29.0	-99.0	25.2	-99.0	16.4

1996

1	-99.0	12.9	18.6	24.4	26.7	28.6	30.6	28.5	28.8	27.1	25.3	22.9
2	22.1	13.2	20.9	22.3	26.8	29.6	30.5	30.3	28.8	27.2	22.9	22.6
3	19.9	14.5	19.4	19.8	27.0	30.3	30.8	31.3	27.0	27.2	22.0	21.5
4	15.1	13.1	17.3	20.6	26.8	32.3	29.9	29.6	27.3	27.4	23.0	20.8
5	14.2	13.8	17.7	22.0	24.3	31.7	30.8	29.3	27.3	25.8	22.1	21.6
6	16.3	15.1	19.1	22.6	24.7	32.2	31.4	28.9	28.7	24.9	21.0	20.2
7	17.0	17.3	20.9	22.2	25.9	32.4	29.4	29.0	30.4	25.1	21.9	18.0
8	17.1	18.1	21.6	22.8	25.5	29.9	28.7	28.3	30.4	25.1	19.2	17.6
9	19.6	19.4	21.7	23.5	26.1	30.0	29.2	27.9	28.0	25.4	20.0	17.4
10	19.6	19.8	22.6	24.2	25.5	29.0	31.2	27.5	27.2	26.9	21.0	19.5
11	21.1	19.8	22.7	24.9	25.1	29.7	32.1	30.4	24.4	24.9	23.2	20.5
12	21.8	19.9	21.5	24.9	25.1	29.0	32.0	31.2	27.0	24.9	23.0	20.2
13	20.2	21.5	21.1	24.7	26.7	30.1	32.1	29.8	26.1	26.9	23.5	20.3
14	19.7	21.5	21.1	28.4	27.1	30.2	31.7	29.1	25.2	26.9	20.3	20.8
15	19.4	20.9	22.2	27.6	27.2	32.0	31.2	28.5	26.4	26.6	17.2	21.4
16	19.8	19.6	22.6	25.6	24.5	33.1	30.0	28.2	27.0	26.4	19.0	22.3
17	19.8	20.7	23.9	25.2	27.7	33.3	28.9	27.5	26.4	26.5	19.5	22.3
18	20.0	22.8	18.1	25.0	32.0	30.0	26.7	27.4	27.2	26.7	21.5	21.6
19	20.8	-99.0	16.2	24.2	31.4	31.0	26.5	29.3	27.0	26.3	21.1	18.9
20	20.0	22.4	17.7	25.4	31.7	31.8	29.5	29.5	25.5	25.7	21.5	18.3
21	20.8	22.1	19.3	25.8	33.0	32.5	30.7	30.0	25.5	25.2	21.2	17.7
22	21.7	21.1	20.3	25.6	27.5	33.1	31.8	28.9	25.7	25.1	19.9	17.6
23	22.2	18.5	21.9	25.8	27.5	33.1	32.1	28.6	26.5	25.9	19.4	17.9
24	19.0	18.4	23.0	25.4	32.5	32.2	31.6	29.2	25.6	26.1	19.1	18.7
25	17.1	17.9	21.3	26.3	32.0	32.3	30.4	29.8	25.8	24.6	18.3	17.9
26	17.7	16.8	19.7	26.1	31.4	32.3	30.2	28.1	26.6	23.9	19.6	17.4
27	17.1	17.0	18.9	26.5	28.8	32.1	31.9	28.3	26.7	24.0	21.0	17.0
28	15.0	17.3	21.2	26.6	28.9	30.1	29.4	24.8	27.2	21.3	21.4	17.9
29	15.8	-99.0	22.6	26.2	29.4	29.5	28.2	25.2	25.6	24.4	22.6	16.0
30	16.3	-99.0	24.9	26.2	30.1	29.0	28.5	27.4	26.5	25.0	22.3	16.0
31	13.6	-99.0	24.4	-99.0	29.8	-99.0	27.2	29.0	-99.0	25.2	-99.0	16.4

1997

1	20.4	21.3	21.1	25.0	25.8	28.3	30.6	29.4	31.1	26.3	19.5	25.6
---	------	------	------	------	------	------	------	------	------	------	------	------

2	20.8	22.8	20.7	24.4	25.6	31.6	31.4	30.0	30.1	26.8	19.8	20.7
3	20.5	23.0	19.9	24.9	27.7	32.4	31.2	30.2	29.9	26.5	20.2	17.6
4	21.4	21.7	20.1	25.2	30.0	31.8	31.8	30.7	28.8	26.3	22.3	18.5
5	20.2	19.3	20.4	25.4	31.3	32.3	31.9	31.5	29.4	27.6	23.3	20.5
6	20.0	18.2	21.4	26.2	32.0	32.9	31.6	31.7	29.0	26.7	22.3	22.5
7	20.5	18.4	22.7	27.3	31.2	32.8	32.2	31.7	26.3	27.1	23.7	23.7
8	19.4	19.2	22.2	25.5	30.0	32.7	31.1	31.4	27.1	26.5	23.2	18.9
9	16.5	18.9	21.6	26.2	26.1	32.4	29.5	31.9	27.8	26.5	21.4	17.1
10	15.4	17.6	22.3	25.6	27.1	32.4	28.9	30.0	26.4	26.6	23.3	17.8
11	16.7	17.1	23.4	25.6	30.3	28.7	29.1	29.3	26.9	26.6	24.1	18.4
12	17.4	17.5	24.1	24.0	31.3	29.8	28.6	31.2	27.1	26.6	23.8	18.2
13	17.4	18.2	23.4	24.4	29.1	32.3	28.7	31.1	27.6	26.8	24.2	17.7
14	18.8	17.8	24.0	25.4	29.1	31.3	27.9	31.7	27.9	26.9	24.5	19.2
15	19.5	17.5	23.6	26.1	30.4	26.5	29.5	30.9	27.6	26.8	25.2	21.0
16	20.5	16.7	23.3	24.8	30.8	26.0	30.0	27.5	28.2	25.9	26.2	22.0
17	21.8	16.0	24.0	25.0	28.6	28.2	29.8	27.1	26.8	24.9	21.6	23.4
18	23.0	16.2	23.5	26.5	30.8	30.5	30.1	26.5	27.3	25.3	20.4	23.4
19	22.9	16.4	24.0	27.3	31.7	30.6	30.4	28.8	26.4	26.2	21.8	23.4
20	21.1	17.7	23.0	27.0	31.0	31.4	29.9	28.7	27.0	26.6	23.3	23.8
21	21.6	18.8	24.2	25.9	31.4	31.6	28.3	28.7	21.4	26.3	24.0	23.8
22	22.4	18.7	23.3	25.4	30.5	31.3	28.3	28.7	21.2	27.2	24.9	23.8
23	23.3	19.5	22.0	26.7	24.1	31.4	27.8	30.2	24.8	28.2	25.6	20.2
24	18.7	19.4	21.0	23.6	24.7	30.4	27.6	28.4	25.0	27.3	25.5	20.8
25	15.8	20.1	21.3	23.5	25.1	31.3	29.6	28.2	25.8	27.3	26.3	21.5
26	15.8	19.6	22.4	24.1	26.1	30.0	30.0	28.5	22.8	26.6	27.0	22.6
27	16.4	19.5	22.5	23.1	28.8	29.3	30.3	28.8	20.3	25.5	26.3	22.5
28	17.3	20.7	22.5	23.7	28.7	29.8	29.4	29.5	22.0	22.5	26.1	22.3
29	19.8	-99.0	24.1	24.8	25.2	30.2	29.0	28.9	23.3	20.8	26.4	22.8
30	19.5	-99.0	23.8	25.5	26.4	30.7	29.7	29.0	24.7	22.5	25.8	22.9
31	21.1	-99.0	24.7	-99.0	26.5	-99.0	30.2	29.8	-99.0	22.9	-99.0	21.8
1998												
1	22.2	23.1	19.5	25.2	29.5	30.4	27.4	32.1	28.9	25.6	26.6	25.7
2	21.8	23.5	20.0	25.7	31.4	32.3	28.0	32.9	28.3	24.8	26.2	25.9
3	21.6	22.8	-99.0	24.5	28.4	32.1	27.7	32.2	29.0	25.9	21.7	25.0
4	23.2	21.4	22.1	23.8	25.8	33.1	28.4	31.2	30.4	24.7	22.2	21.6
5	23.0	15.2	22.8	24.9	26.4	29.7	28.9	30.3	30.7	22.7	23.4	21.5
6	22.5	14.6	25.9	25.8	27.5	29.2	30.3	29.2	27.8	24.8	24.0	21.0
7	23.6	14.9	25.2	25.7	27.9	29.7	31.1	29.2	25.7	26.1	22.9	21.6
8	22.1	16.6	26.5	25.8	28.1	31.7	31.2	29.5	28.1	25.9	23.4	17.2
9	23.7	18.7	27.9	25.2	28.1	32.4	31.7	29.1	29.1	26.3	23.6	17.3
10	23.6	20.1	23.2	26.1	28.3	31.6	32.1	30.8	27.9	26.7	22.6	17.2
11	24.4	20.5	20.2	28.8	28.1	31.5	32.3	30.3	27.2	27.1	23.4	18.3
12	24.6	21.7	19.3	26.4	28.3	32.3	31.9	31.4	28.0	26.8	24.2	20.2
13	25.4	22.9	19.9	26.6	27.5	30.7	31.6	30.3	28.8	27.9	22.8	18.5
14	27.0	23.3	21.6	26.3	28.2	32.7	31.8	29.5	27.3	27.3	21.8	16.7
15	23.1	23.5	21.9	25.5	29.7	33.7	31.7	29.0	28.6	25.9	22.2	14.5
16	24.6	26.5	23.3	24.3	29.9	34.4	31.7	29.1	27.5	26.5	24.1	14.7
17	22.6	26.9	23.2	23.3	28.0	34.5	32.1	29.1	27.2	27.6	24.0	17.5
18	20.4	23.4	24.0	23.4	27.3	33.4	33.4	28.2	25.3	26.7	24.2	19.7
19	19.4	22.6	24.5	23.6	28.6	33.0	34.4	26.0	24.0	26.0	24.9	19.9
20	18.5	25.3	25.2	24.3	29.6	33.6	34.8	27.0	23.7	27.5	23.6	20.6
21	19.5	21.8	24.5	25.9	30.7	33.7	34.3	27.4	25.0	24.2	23.8	20.5
22	20.7	18.8	20.2	28.9	33.2	33.1	33.8	27.3	25.4	24.2	21.0	19.9
23	19.7	20.0	19.5	32.0	33.9	33.6	33.7	29.9	26.5	24.9	21.9	20.6
24	17.3	21.3	20.4	30.1	27.9	33.2	32.4	31.5	25.7	23.9	21.8	20.6
25	16.4	19.4	21.6	29.4	24.6	31.8	33.1	30.8	26.4	22.8	22.7	20.4
26	17.9	19.3	24.3	28.8	25.8	31.3	32.3	32.5	24.9	23.5	19.6	20.7
27	19.4	20.7	25.5	28.8	27.5	28.7	31.4	33.8	24.9	23.9	21.8	20.5
28	17.1	19.4	24.7	31.4	31.2	29.4	29.7	33.7	24.7	23.6	22.3	21.0
29	15.8	-99.0	22.8	29.0	30.5	28.7	29.7	32.6	26.3	25.4	23.9	21.4
30	17.8	-99.0	23.6	29.7	29.7	28.4	29.4	30.1	24.7	27.0	24.4	21.4
31	20.7	-99.0	24.1	-99.0	30.8	-99.0	29.9	28.3	-99.0	25.8	-99.0	21.4
1999												
1	21.2	23.1	19.8	24.2	23.7	30.4	30.9	28.4	27.5	26.3	24.7	20.2
2	20.9	22.0	21.8	25.3	25.1	30.4	30.1	29.5	28.2	27.1	19.5	20.5
3	20.6	18.6	22.6	24.5	26.3	30.2	29.6	30.7	28.0	27.0	17.5	17.9
4	17.6	17.0	22.3	23.7	27.0	29.4	29.3	29.9	28.4	26.2	18.1	17.8
5	17.6	18.3	22.5	20.9	24.8	27.8	30.4	29.0	28.3	24.8	19.4	17.6
6	19.0	19.3	23.3	21.6	24.6	30.1	30.3	28.1	28.3	26.4	21.7	15.9
7	19.3	19.5	23.8	22.1	23.8	31.0	31.5	30.6	26.5	26.3	23.3	15.7
8	18.4	20.3	24.6	23.7	24.0	29.8	32.5	31.2	27.3	26.5	23.5	15.5
9	18.6	19.2	25.2	24.9	23.2	29.0	32.4	31.1	26.8	27.0	24.6	16.7
10	18.2	20.7	23.7	26.1	23.0	28.7	32.2	30.5	27.4	27.7	25.3	19.1
11	16.6	22.6	20.6	26.9	21.8	30.0	31.3	29.8	28.4	27.3	25.9	20.1
12	14.3	20.8	20.2	29.3	23.1	30.4	31.8	28.8	29.3	27.5	26.2	20.1
13	14.5	20.7	21.5	27.1	25.0	30.9	31.7	30.7	28.7	28.6	25.3	19.3
14	16.4	21.4	22.4	26.8	26.0	29.6	31.8	29.6	29.8	24.7	25.3	17.7



15	14.7	21.8	20.8	26.5	26.6	29.6	31.7	30.7	30.1	25.1	23.8	18.8
16	13.7	21.5	19.5	27.4	28.5	30.0	31.9	29.0	28.9	24.9	22.9	19.2
17	14.5	21.7	23.2	28.7	29.4	30.1	31.6	28.3	27.0	26.0	24.7	18.6
18	15.9	22.5	27.3	29.8	29.9	29.1	31.0	28.0	27.5	25.2	23.7	17.4
19	18.0	22.2	29.4	27.5	25.6	27.6	31.6	28.5	27.8	20.7	21.9	17.3
20	19.0	18.0	27.9	27.3	26.1	28.7	32.4	28.4	26.4	22.3	22.8	15.8
21	18.0	16.8	24.6	27.2	26.1	29.7	32.7	28.7	25.8	23.4	22.5	14.8
22	19.1	17.4	19.1	26.5	25.9	30.5	32.5	30.1	23.6	24.6	23.3	15.4
23	20.6	20.1	19.5	27.0	28.8	31.1	31.4	27.5	24.4	25.7	23.3	13.5
24	20.8	22.4	21.8	28.9	29.1	30.1	28.4	28.6	25.8	25.2	24.1	14.4
25	21.2	22.8	24.0	29.4	29.2	30.7	27.7	30.3	26.1	25.5	23.2	15.4
26	22.0	22.8	26.9	27.7	30.5	31.0	29.6	30.1	26.2	25.4	23.3	14.6
27	23.1	23.1	26.0	26.6	28.3	30.1	30.5	29.2	27.2	26.7	23.4	15.1
28	23.1	21.3	24.9	21.9	26.9	29.9	30.7	27.9	27.1	25.4	23.5	17.0
29	23.5	-99.0	23.2	22.0	27.3	31.3	30.6	28.4	25.8	24.9	17.5	18.2
30	24.1	-99.0	19.7	23.4	28.8	31.1	28.6	28.5	26.2	25.0	18.0	18.0
31	23.9	-99.0	21.6	-99.0	30.0	-99.0	28.5	27.6	-99.0	26.2	-99.0	19.2
2000												
1	19.6	11.9	13.9	27.2	30.1	26.3	28.3	31.1	28.0	27.3	22.3	24.2
2	19.9	15.2	15.5	27.4	29.7	27.6	28.0	31.6	28.4	26.9	23.0	22.8
3	19.8	16.1	17.1	25.0	26.9	28.1	28.0	31.3	28.3	27.4	19.9	21.8
4	21.0	17.6	19.0	23.1	25.9	28.2	28.6	31.0	28.6	27.2	19.4	17.5
5	20.6	19.0	20.0	21.9	26.1	27.7	28.5	30.3	26.1	27.3	18.9	19.7
6	22.4	17.6	20.7	22.2	26.2	28.8	29.3	29.3	27.3	26.4	18.5	20.8
7	22.6	17.1	21.7	22.3	27.3	30.6	30.0	27.5	26.2	26.1	19.5	20.9
8	22.9	17.8	22.3	23.4	29.1	30.5	29.4	27.3	25.6	26.3	21.1	22.4
9	22.5	17.1	23.1	24.8	30.3	31.3	28.8	28.1	25.5	26.3	21.5	22.2
10	22.8	18.7	22.7	26.0	28.1	31.0	29.0	29.3	24.4	27.2	23.1	22.6
11	23.1	20.6	22.5	23.5	27.0	31.8	27.4	31.5	25.4	28.5	23.7	22.3
12	23.7	21.0	20.5	23.9	26.9	31.0	26.8	32.2	26.6	28.3	22.2	21.6
13	24.3	21.5	19.5	24.9	26.6	26.8	28.5	31.3	26.2	25.9	19.0	19.5
14	24.0	21.9	20.2	27.2	26.3	24.7	29.2	31.7	24.7	21.7	20.4	16.7
15	23.5	21.3	21.4	25.7	26.7	26.5	29.5	30.9	24.0	21.5	22.1	18.6
16	23.5	20.1	21.7	20.9	27.8	27.8	26.8	31.1	23.3	21.4	22.4	19.8
17	23.5	20.1	21.9	22.3	28.5	26.5	27.0	29.8	24.2	20.3	21.2	20.5
18	20.2	20.8	21.8	23.4	26.5	27.0	29.2	29.4	25.3	21.1	19.7	21.3
19	14.9	21.5	22.6	24.8	23.2	27.6	29.9	28.9	25.7	22.0	20.6	22.2
20	15.5	23.5	22.3	27.3	24.0	28.9	29.5	28.4	26.3	24.5	19.5	22.7
21	17.1	22.8	24.3	26.2	22.6	30.0	30.0	27.8	26.4	24.9	17.3	19.3
22	19.1	20.1	24.1	26.5	24.2	30.5	29.9	28.0	25.1	25.0	18.9	19.0
23	20.1	20.2	24.2	27.0	25.6	30.4	30.1	26.5	26.2	25.9	19.7	19.9
24	20.2	18.8	22.2	30.3	27.3	29.5	30.1	26.5	27.0	26.4	21.0	18.0
25	18.7	17.3	19.7	31.3	30.4	29.0	30.0	27.6	28.1	26.5	22.8	19.3
26	16.1	15.8	18.6	29.8	31.4	29.6	30.6	28.3	27.5	26.9	23.1	20.6
27	14.4	15.0	19.9	27.3	31.9	28.2	30.6	29.9	26.6	26.4	23.6	19.9
28	14.0	14.6	20.2	26.5	30.7	29.3	30.2	29.4	24.8	26.9	23.4	20.0
29	15.2	13.9	20.6	28.6	29.2	28.4	30.8	29.2	26.2	26.2	23.9	20.2
30	13.2	-99.0	21.1	28.9	28.9	28.3	31.1	27.7	26.6	23.1	23.9	21.3
31	13.0	-99.0	22.9	-99.0	28.1	-99.0	30.2	29.2	-99.0	20.7	-99.0	20.9
2001												
1	18.4	19.8	19.5	24.5	26.5	27.9	29.8	31.9	29.3	25.9	26.1	23.0
2	19.3	19.0	18.7	25.1	24.6	28.3	29.5	29.8	26.6	26.5	26.1	22.6
3	21.1	19.2	20.1	25.7	25.8	28.5	29.3	28.7	25.5	26.5	25.9	22.0
4	20.9	18.8	18.4	25.9	26.6	30.0	29.9	28.3	25.8	25.0	26.0	22.4
5	21.9	19.5	20.0	26.2	27.2	29.8	29.0	26.4	27.6	24.4	26.3	22.8
6	22.4	21.0	22.5	26.2	29.6	30.0	31.4	26.0	28.8	26.3	25.6	24.6
7	22.4	21.5	23.0	26.9	31.4	30.5	31.3	27.6	29.7	27.0	22.5	22.1
8	23.0	19.1	22.1	31.0	31.7	30.2	29.7	28.1	28.8	27.4	23.3	20.8
9	23.5	17.5	17.4	33.1	29.8	30.6	30.0	26.9	26.9	25.6	25.0	21.0
10	21.7	15.7	18.5	29.9	24.0	30.1	29.6	25.3	25.0	23.8	23.2	20.4
11	19.3	17.6	19.3	23.7	24.5	29.9	31.1	27.5	23.3	25.5	20.8	20.2
12	20.1	19.6	17.8	19.0	24.0	29.6	31.9	28.8	26.3	24.9	20.0	21.8
13	20.0	19.0	18.2	20.7	24.8	29.0	30.9	28.4	26.3	26.6	18.8	20.8
14	18.9	16.1	20.0	22.2	26.4	27.2	31.7	28.0	27.2	26.2	18.1	17.4
15	17.7	16.0	22.7	23.0	26.2	28.9	31.0	27.3	27.7	25.6	15.0	16.7
16	15.7	18.0	23.6	25.0	24.5	31.2	30.6	27.4	27.8	26.1	18.8	19.7
17	16.9	16.4	23.8	26.1	25.8	31.6	30.5	27.5	28.0	24.9	19.8	21.1
18	18.4	18.9	24.0	27.6	28.1	31.6	31.2	28.2	28.5	24.6	20.3	20.9
19	19.9	21.0	24.9	30.6	28.0	32.5	31.8	28.4	28.4	24.9	19.7	19.4
20	21.1	20.8	25.2	31.9	29.4	32.5	28.8	28.6	27.7	25.2	20.0	18.8
21	22.0	20.2	24.2	31.2	30.2	30.8	27.3	28.8	28.2	25.9	20.5	17.0
22	23.3	22.3	25.1	27.9	30.6	27.5	28.0	28.9	27.3	25.5	20.2	13.9
23	23.3	23.6	26.4	25.7	30.5	28.1	28.8	29.8	25.4	26.5	20.7	15.3
24	23.7	23.6	27.6	25.0	30.2	29.3	28.9	31.6	26.4	24.3	21.3	17.3
25	27.1	20.5	26.2	24.6	30.2	29.9	30.9	29.6	27.3	25.0	21.2	17.0
26	21.4	18.7	23.6	24.8	29.1	28.7	30.1	28.1	27.0	26.1	20.2	17.5
27	17.5	19.5	22.9	26.2	27.5	28.3	29.8	28.1	26.9	26.7	21.0	17.7

28	16.2	20.1	23.1	27.6	25.9	29.3	29.1	26.9	26.9	24.6	21.9	17.4
29	15.6	-99.0	21.8	27.8	27.3	28.5	30.7	26.9	26.6	22.7	21.5	18.5
30	18.1	-99.0	22.2	28.4	29.0	28.9	32.3	27.9	26.9	24.2	21.9	17.5
31	19.8	-99.0	23.2	-99.0	28.1	-99.0	32.5	28.5	-99.0	25.1	-99.0	17.2
2002												
1	19.0	17.7	23.5	24.3	26.6	30.8	31.3	29.8	26.7	26.0	25.4	22.9
2	19.7	14.8	23.5	25.3	26.9	31.6	29.6	29.6	26.2	26.3	24.8	23.7
3	18.9	16.0	22.8	25.6	27.9	29.3	29.2	30.8	25.7	26.8	23.7	24.5
4	18.0	18.8	22.5	25.6	27.9	28.0	31.2	31.0	25.5	26.6	21.7	24.1
5	18.2	17.9	22.1	27.3	26.5	28.9	31.2	29.4	26.0	25.5	21.1	24.9
6	18.0	18.6	18.6	28.7	27.0	29.6	29.7	28.6	25.9	23.7	21.8	25.7
7	19.6	19.2	17.7	27.6	27.6	30.2	29.2	28.8	27.0	24.5	22.1	25.4
8	19.7	20.6	17.6	25.0	26.6	29.0	28.7	30.1	27.5	25.0	23.5	23.1
9	19.4	21.8	19.3	24.9	26.1	28.1	28.0	30.1	27.0	25.3	22.1	16.6
10	19.7	21.4	20.4	25.7	26.8	28.5	29.8	30.8	26.9	22.3	23.6	17.0
11	20.7	18.6	22.7	20.7	25.9	28.4	30.9	30.5	27.3	22.3	23.2	18.1
12	19.5	18.9	23.5	20.7	26.7	28.7	31.3	29.5	28.0	23.9	24.7	17.6
13	20.6	20.1	24.1	21.7	27.6	30.4	32.2	28.4	30.0	23.0	25.6	18.7
14	20.3	21.6	24.5	23.1	28.6	29.8	32.2	27.6	28.0	24.9	25.8	20.5
15	20.1	21.5	23.0	25.4	26.5	30.4	31.1	27.9	25.8	25.6	26.7	20.5
16	20.2	19.5	24.1	27.6	27.4	30.9	30.5	28.5	26.4	25.7	24.2	21.7
17	21.8	19.2	24.3	26.2	26.7	31.3	30.2	28.8	24.2	26.3	21.0	22.1
18	21.5	20.0	21.4	26.2	27.9	31.6	31.1	25.2	23.3	27.3	20.3	23.7
19	22.2	20.8	20.6	26.6	28.9	31.5	31.2	27.1	25.1	27.7	21.9	24.6
20	22.0	20.6	22.2	26.7	29.5	31.0	30.6	25.4	26.7	27.4	22.2	24.0
21	18.1	21.9	23.3	26.3	30.1	31.8	29.8	25.0	27.0	27.6	23.3	24.0
22	16.5	22.5	24.6	26.3	31.9	31.3	30.4	26.9	27.6	26.3	21.3	22.5
23	17.4	22.1	24.5	26.7	29.0	29.4	30.6	27.3	24.9	25.4	22.7	21.7
24	19.2	23.1	22.7	27.1	25.9	29.3	32.1	27.6	23.5	21.3	23.4	21.5
25	20.9	22.6	22.3	25.6	25.0	29.5	31.4	29.1	24.3	22.9	20.3	20.6
26	18.6	23.2	24.7	25.9	26.7	30.9	31.7	29.3	27.6	23.7	18.2	19.2
27	16.5	23.1	24.6	26.8	26.6	30.6	30.9	29.3	28.1	25.3	17.7	14.2
28	15.7	23.4	25.7	26.6	26.9	31.1	26.7	29.0	26.3	25.8	20.3	14.9
29	15.5	-99.0	25.1	26.6	29.2	31.6	26.2	28.0	26.2	26.0	21.9	16.5
30	16.1	-99.0	24.3	26.7	31.2	32.3	26.7	25.5	25.8	26.9	22.4	17.5
31	17.9	-99.0	23.9	-99.0	30.0	-99.0	29.4	27.1	-99.0	26.2	-99.0	18.3
2003												
1	18.0	20.8	23.7	27.8	24.4	27.1	28.8	33.0	28.5	27.6	23.9	20.5
2	18.8	21.9	24.0	29.8	25.4	27.3	28.6	31.3	28.5	28.7	24.7	20.6
3	16.1	20.4	27.7	30.3	25.3	28.0	29.2	29.2	28.6	26.9	24.2	20.9
4	17.1	16.0	28.5	30.1	29.0	28.1	29.2	29.0	27.9	27.2	24.6	21.2
5	16.6	16.1	27.9	24.1	31.7	29.5	29.1	30.2	26.0	26.6	24.6	22.6
6	14.3	16.6	23.9	23.9	33.6	31.3	29.8	32.1	25.6	25.4	24.1	24.1
7	14.3	18.0	19.9	25.9	31.8	32.4	30.7	31.6	26.3	26.6	24.0	24.5
8	15.5	17.9	17.6	24.8	28.9	32.7	31.9	31.2	26.0	26.2	25.1	22.2
9	16.4	20.5	16.8	25.3	28.5	32.8	31.9	32.3	27.0	27.6	24.3	17.9
10	15.7	22.5	16.4	25.1	28.4	32.6	32.9	30.6	26.5	27.7	24.8	18.9
11	16.0	23.3	18.9	26.7	28.6	32.7	32.1	31.8	25.1	28.4	22.1	18.4
12	16.3	23.4	21.0	30.3	28.6	31.1	29.5	31.1	26.6	29.0	22.6	17.2
13	16.9	22.4	22.9	31.0	28.6	31.9	29.9	31.1	26.4	28.5	19.4	17.3
14	17.3	20.1	22.6	24.6	28.2	30.2	28.5	32.0	26.8	26.2	22.1	18.0
15	18.2	22.3	23.3	23.8	29.0	28.5	28.8	32.2	27.5	22.1	22.2	18.4
16	18.9	23.1	23.5	25.1	30.7	27.4	29.8	30.1	27.8	21.0	24.5	18.4
17	19.1	23.2	23.7	26.6	33.1	28.1	30.4	27.5	28.7	24.0	23.0	19.5
18	19.7	23.4	23.7	27.3	31.9	29.1	30.6	27.2	27.9	22.9	23.8	19.5
19	19.6	23.0	24.3	27.0	28.4	30.7	31.4	27.5	28.0	23.9	24.8	19.4
20	18.2	23.4	19.7	27.3	28.5	31.0	30.7	27.1	28.6	24.4	25.1	18.0
21	18.6	23.9	18.1	26.4	28.6	31.5	29.9	28.8	28.5	24.4	24.7	16.2
22	19.1	23.5	19.5	27.4	28.8	30.6	27.4	29.0	28.1	24.3	24.5	17.9
23	20.6	23.7	20.3	26.3	29.4	31.0	29.3	28.8	27.8	24.0	21.8	18.5
24	21.8	23.9	20.6	27.1	30.2	31.3	29.4	28.2	27.4	23.6	23.6	20.0
25	21.4	24.3	20.7	27.1	30.6	32.6	29.6	28.7	24.7	24.9	23.2	20.6
26	21.9	23.8	21.1	27.0	30.3	33.0	30.0	29.1	26.5	23.8	22.0	21.2
27	19.2	24.1	22.9	26.9	32.0	32.0	29.6	30.7	27.3	24.5	23.5	20.0
28	16.4	23.7	23.3	27.3	32.4	31.2	29.2	30.3	27.2	25.4	23.2	18.2
29	17.6	-99.0	24.0	28.0	29.2	29.9	29.4	29.2	27.6	25.6	21.4	18.9
30	18.4	-99.0	24.9	24.4	28.4	28.6	31.1	28.8	27.4	24.8	20.0	20.1
31	19.5	-99.0	25.7	-99.0	27.7	-99.0	31.0	27.3	-99.0	24.0	-99.0	20.2
2004												
1	19.6	22.2	24.9	23.1	26.8	26.9	32.4	27.0	29.3	26.7	24.2	22.0
2	20.2	21.9	22.9	23.1	27.1	27.4	32.4	27.4	28.0	24.3	24.6	21.8
3	20.1	20.6	19.8	22.0	27.0	27.9	31.4	28.7	27.3	21.4	24.3	22.6
4	21.5	16.4	18.6	22.3	26.5	28.1	31.0	30.1	28.7	23.9	25.8	21.1
5	20.9	13.1	18.4	23.6	22.7	28.3	31.4	30.5	29.7	24.5	26.0	21.5
6	21.0	12.6	19.0	24.7	23.2	28.2	30.3	31.0	30.2	25.3	25.1	20.2
7	20.5	12.9	17.1	25.0	25.1	28.0	30.8	29.3	29.5	25.0	24.6	21.7
8	21.0	12.2	18.4	22.2	26.7	27.9	30.9	28.4	28.5	24.5	24.5	19.1

9	21.1	13.4	18.6	19.6	28.9	27.7	30.3	28.9	24.9	24.5	25.0	18.1
10	23.3	15.5	19.0	21.1	29.0	27.0	29.0	29.5	23.7	26.2	25.9	18.9
11	22.9	16.7	19.9	23.0	30.6	25.9	29.7	29.6	23.8	25.3	25.7	20.4
12	20.5	19.0	21.7	26.2	31.7	26.2	29.5	31.2	25.0	25.5	25.9	20.7
13	19.4	18.5	22.8	24.8	30.4	27.3	28.9	31.2	26.2	24.9	25.2	19.0
14	20.8	17.2	22.9	25.5	27.6	27.2	29.0	29.5	26.7	25.3	27.4	19.9
15	22.7	18.2	22.9	24.6	28.0	27.8	28.5	28.6	26.3	25.8	26.1	20.0
16	22.4	18.2	23.0	23.6	28.0	28.6	29.5	29.5	26.5	24.5	20.1	20.5
17	22.5	19.8	23.6	23.4	25.5	29.2	31.3	28.5	26.6	23.9	18.3	21.2
18	23.0	19.0	23.8	24.1	25.2	29.6	31.9	27.8	26.6	24.6	19.5	21.5
19	20.4	20.5	24.0	23.3	27.0	30.8	31.6	29.2	25.2	25.9	21.1	21.7
20	17.9	20.5	23.7	25.1	25.1	31.0	30.1	29.0	25.9	25.3	20.4	20.7
21	14.7	21.5	23.6	25.8	27.8	31.4	28.8	29.0	26.2	24.6	23.2	21.0
22	13.9	22.1	23.5	25.4	28.0	31.5	26.1	29.3	26.5	24.6	23.8	20.4
23	14.6	22.3	24.1	25.9	26.3	31.3	25.7	30.7	26.8	22.9	22.0	19.1
24	12.6	22.2	24.2	26.8	26.7	30.8	25.6	31.4	27.2	21.3	21.4	19.6
25	15.0	22.3	23.0	26.8	26.9	31.7	26.9	31.9	26.2	22.8	22.9	20.5
26	17.3	22.2	20.3	26.1	28.8	31.8	27.4	32.4	26.4	23.7	22.6	21.0
27	18.2	22.5	21.1	26.2	29.2	31.2	26.4	31.7	26.9	25.0	18.8	21.3
28	16.4	22.4	21.6	26.8	29.4	29.8	26.7	29.5	26.3	23.4	19.3	18.9
29	17.6	23.9	22.7	27.0	29.6	30.5	27.0	27.8	26.3	23.1	20.9	17.8
30	19.2	-99.0	23.0	26.6	30.1	31.3	28.1	27.9	26.8	23.2	21.4	19.9
31	20.7	-99.0	23.4	-99.0	29.0	-99.0	27.5	29.1	-99.0	23.7	-99.0	13.1

2005

1	11.4	21.1	17.6	23.5	31.0	30.3	30.5	29.1	27.4	26.8	19.6	22.7
2	15.2	20.1	18.0	22.3	29.5	31.1	30.5	29.9	28.8	26.7	22.2	23.6
3	17.6	19.3	15.9	21.0	27.4	32.2	29.8	30.4	29.1	26.3	24.3	23.3
4	17.8	20.7	15.3	21.1	27.1	32.3	29.2	30.7	27.4	26.6	25.6	22.5
5	17.6	21.7	15.2	21.0	31.9	33.0	28.9	30.4	27.2	24.8	25.4	18.6
6	17.6	22.1	16.0	21.8	28.5	32.0	29.0	30.1	27.4	24.2	25.8	16.4
7	18.8	22.9	16.7	22.0	26.3	28.6	29.9	30.2	27.7	24.5	26.5	14.0
8	20.7	23.6	19.3	25.8	26.2	29.6	31.5	30.3	27.2	26.1	26.9	15.5
9	19.6	23.6	20.5	30.6	27.2	30.8	30.8	29.4	26.7	25.7	25.6	17.7
10	19.3	23.4	21.2	30.9	30.9	30.9	30.8	29.1	26.2	26.3	25.6	19.9
11	18.4	22.0	22.4	27.1	31.7	31.3	29.7	25.6	26.5	25.3	26.7	20.5
12	18.1	21.4	21.0	23.8	32.8	32.0	28.8	27.6	27.3	25.7	26.5	18.7
13	15.1	22.8	17.2	20.8	32.6	32.2	28.6	28.6	27.7	26.9	27.0	15.5
14	12.3	23.9	17.4	20.2	31.5	32.3	29.6	29.5	27.3	26.6	27.3	15.3
15	14.1	24.0	19.8	22.2	31.0	32.0	29.0	28.0	27.4	26.6	25.9	-99.0
16	15.9	25.2	20.4	23.5	30.7	31.3	28.6	29.0	27.8	26.0	25.8	16.0
17	17.6	24.9	20.9	24.5	32.2	31.4	28.2	28.1	28.1	24.3	23.1	17.0
18	18.0	20.9	21.3	25.4	30.9	31.4	31.2	26.2	25.4	25.9	24.0	18.7
19	19.5	17.7	20.6	26.3	30.6	32.2	33.1	27.4	26.8	27.7	20.6	15.7
20	19.3	15.8	20.5	25.8	29.0	33.1	33.2	28.3	25.9	26.8	16.8	16.7
21	20.6	15.3	22.5	25.2	27.5	33.3	31.9	30.2	26.9	26.2	18.1	17.6
22	21.3	17.0	23.3	26.1	28.2	31.5	29.5	29.8	27.3	26.7	18.8	17.5
23	21.5	19.4	22.0	26.6	27.9	32.6	29.2	30.2	27.1	25.8	20.0	15.8
24	21.9	23.5	18.3	26.5	31.4	30.3	28.2	30.3	27.9	22.9	19.9	17.9
25	21.7	20.4	16.6	27.1	31.5	29.9	27.1	28.7	28.3	23.3	20.8	18.8
26	22.8	21.8	19.5	26.7	31.5	31.1	26.4	26.2	26.6	24.5	21.6	19.6
27	20.9	22.1	21.4	27.2	32.7	31.2	27.8	26.7	26.0	24.4	21.9	20.7
28	22.2	17.8	22.6	25.8	32.8	30.9	27.9	27.6	27.5	25.9	22.7	18.2
29	22.3	-99.0	23.5	28.0	30.0	30.0	28.7	26.1	27.6	25.9	22.6	18.6
30	23.0	-99.0	24.2	30.4	27.4	29.7	27.5	24.8	27.7	21.3	23.3	19.7
31	22.7	-99.0	24.3	-99.0	27.5	-99.0	27.3	27.9	-99.0	19.7	-99.0	19.9

2006

1	20.9	22.2	15.4	24.2	26.8	30.9	29.5	27.2	28.8	26.4	26.1	24.5
2	21.4	21.0	16.0	23.8	28.0	30.7	27.5	28.2	29.6	27.1	25.6	20.3
3	22.1	22.3	15.9	24.9	27.0	31.1	26.7	29.7	30.3	26.9	22.9	19.7
4	23.0	21.5	18.4	27.3	26.4	31.3	26.9	28.9	30.1	25.3	22.4	19.9
5	21.9	20.3	21.0	27.4	27.9	32.6	29.6	28.9	29.3	26.6	23.0	20.7
6	17.8	20.8	21.4	26.1	31.0	32.8	30.6	29.8	28.9	26.8	24.2	22.4
7	14.0	21.4	21.6	25.4	30.4	33.2	31.5	29.0	29.6	26.4	26.3	24.1
8	15.0	21.1	22.2	25.9	27.7	33.4	31.1	29.0	30.4	26.7	24.3	24.8
9	14.0	20.5	22.1	25.8	29.5	33.1	31.6	28.5	28.7	27.1	24.2	24.8
10	15.3	20.6	22.6	28.5	29.0	32.5	30.2	29.3	23.5	26.6	25.6	24.2
11	17.2	18.8	23.4	31.3	27.3	32.3	30.7	28.8	24.7	26.5	25.5	20.7
12	18.8	20.5	23.0	32.2	27.2	33.2	31.3	27.5	24.1	26.7	25.7	21.8
13	20.1	21.5	19.8	28.7	26.2	32.5	31.7	26.9	25.4	26.7	24.9	21.2
14	20.2	22.5	15.3	22.3	21.9	32.8	32.2	25.5	26.1	26.6	24.4	19.1
15	22.9	22.8	16.9	20.0	23.6	32.5	30.4	26.1	25.9	26.3	25.3	20.4
16	22.8	22.8	19.4	20.4	23.8	32.0	31.2	27.0	26.4	25.9	24.8	22.0
17	22.7	22.4	21.8	20.5	24.0	31.7	30.2	28.3	26.9	26.0	25.3	18.8
18	22.3	17.8	22.4	24.1	25.4	29.9	30.2	30.1	26.9	26.7	25.7	17.9
19	23.6	17.7	22.9	25.1	26.5	29.3	29.9	29.2	26.9	26.8	26.4	16.7
20	21.3	18.0	24.0	25.7	24.7	29.5	29.2	29.1	26.0	26.7	26.1	18.5
21	18.5	19.2	23.8	25.6	25.7	28.7	30.1	28.3	26.4	26.3	26.4	18.4

22	16.6	21.3	24.8	28.9	25.5	29.1	30.7	27.5	26.3	25.4	25.7	19.1
23	15.1	19.2	25.3	28.4	25.8	28.7	30.9	27.8	26.9	25.3	24.9	18.4
24	15.0	18.4	22.9	25.7	26.5	28.5	30.7	28.1	24.4	25.5	25.9	19.1
25	16.3	19.3	21.7	26.5	27.3	28.9	31.5	28.8	25.4	25.8	26.5	20.4
26	16.0	19.7	22.3	28.0	27.6	28.7	30.6	29.7	26.0	26.2	26.6	21.1
27	17.5	20.6	22.3	29.7	30.1	29.9	30.0	29.3	27.1	25.3	26.5	21.0
28	17.6	19.1	21.5	28.5	29.8	31.4	29.4	28.9	26.3	25.4	26.2	19.7
29	18.5	-99.0	21.0	22.7	29.9	30.4	28.7	26.8	26.7	25.5	25.9	20.1
30	20.3	-99.0	21.6	23.8	29.1	30.4	28.3	27.1	24.7	25.9	25.8	19.8
31	21.3	-99.0	22.9	-99.0	29.7	-99.0	28.2	28.3	-99.0	26.1	-99.0	18.9
2007												
1	19.8	17.9	23.2	30.2	23.5	31.3	29.4	29.5	29.9	27.2	23.1	21.0
2	21.6	18.5	23.8	32.1	24.1	32.3	30.7	30.4	29.3	24.8	18.6	20.8
3	21.7	16.9	24.4	21.2	25.4	31.7	28.7	30.3	29.2	24.5	19.1	21.6
4	21.4	18.3	24.4	18.8	25.9	30.2	28.3	29.2	28.3	25.7	17.9	21.1
5	17.6	20.0	24.6	19.4	23.2	31.1	28.9	27.0	27.3	26.2	19.0	20.6
6	15.0	21.2	23.0	20.1	22.8	31.6	30.3	26.2	27.4	26.2	21.0	20.2
7	14.5	22.0	18.6	20.4	23.9	32.3	30.3	24.9	29.2	27.4	21.5	19.1
8	15.3	21.6	18.8	20.7	23.9	32.7	30.0	27.5	30.3	27.6	21.2	20.0
9	16.4	21.1	19.7	20.4	23.9	33.7	30.4	28.5	30.1	26.2	23.1	21.5
10	17.7	21.5	21.1	21.2	25.3	32.4	31.2	28.7	28.4	25.5	23.0	22.5
11	19.0	22.8	22.3	21.7	25.6	31.8	32.7	28.9	26.4	24.6	21.8	22.9
12	20.3	21.6	23.3	22.4	26.2	29.4	32.7	30.4	27.0	25.8	21.9	21.9
13	20.7	22.6	24.6	23.1	22.6	30.7	33.0	32.1	26.2	26.5	22.5	22.9
14	20.6	22.7	25.0	23.9	25.1	29.9	32.6	32.1	26.3	26.3	24.1	22.4
15	19.4	23.7	25.8	25.9	26.5	29.6	32.3	28.1	26.7	24.9	24.2	23.4
16	20.2	24.2	25.1	24.9	27.8	30.9	32.8	26.9	27.5	22.4	23.5	24.4
17	20.9	23.4	24.3	28.4	27.4	30.6	31.8	27.2	27.9	21.8	23.1	24.2
18	18.6	22.6	23.9	23.8	27.8	30.1	32.6	28.3	25.5	22.9	23.2	24.9
19	16.0	24.1	19.7	22.4	29.6	29.1	32.7	27.5	26.4	24.1	22.5	23.5
20	17.8	24.5	18.2	25.3	30.5	29.1	32.4	28.5	25.1	23.8	20.7	22.8
21	17.2	24.3	18.7	27.3	31.8	28.8	30.3	29.6	24.6	23.3	20.5	23.2
22	16.9	24.6	21.2	29.9	32.5	28.6	29.6	29.9	23.7	24.7	22.1	24.0
23	17.0	24.3	23.2	31.2	32.8	29.1	28.3	29.9	25.7	25.3	21.8	25.0
24	15.9	24.2	24.6	30.4	33.3	29.1	29.4	30.2	25.6	24.8	21.9	22.0
25	17.1	24.2	25.1	24.3	30.6	29.5	29.1	29.3	24.7	25.8	21.7	19.7
26	18.4	24.0	26.1	25.1	29.2	30.9	29.1	29.1	26.7	25.6	21.7	20.1
27	16.9	24.0	25.7	25.7	28.4	30.3	28.9	28.0	26.9	24.6	19.8	21.7
28	17.7	23.9	25.9	25.5	28.9	28.6	28.5	26.9	25.5	23.8	18.6	21.5
29	16.6	-99.0	25.8	25.7	28.1	29.5	28.4	26.8	26.1	24.7	18.7	21.2
30	18.1	-99.0	26.3	22.9	29.5	30.0	29.1	27.9	27.0	24.1	20.0	19.5
31	17.8	-99.0	27.3	-99.0	30.3	-99.0	28.0	29.9	24.9	24.4	-99.0	18.9
2008												
1	16.0	13.7	15.8	23.3	27.3	29.0	30.1	29.8	27.3	25.8	27.7	19.5
2	15.5	12.4	14.9	21.7	27.9	26.7	30.4	28.8	28.6	26.6	27.7	19.1
3	16.9	12.4	15.6	21.9	29.1	27.9	30.5	29.2	27.7	26.8	24.7	19.6
4	18.5	13.7	16.1	23.8	29.7	28.6	30.6	29.1	28.5	27.5	24.3	21.3
5	18.6	15.2	18.2	25.2	29.0	26.6	30.6	29.9	28.1	26.2	25.7	21.4
6	19.6	15.1	18.6	25.6	27.4	27.7	30.8	30.0	27.4	25.6	26.6	17.1
7	19.2	15.0	19.2	27.9	27.2	28.5	29.4	29.5	26.4	26.2	26.5	17.8
8	20.1	14.0	19.6	29.3	28.6	28.3	27.3	29.0	26.4	26.7	22.8	17.4
9	21.6	14.5	19.9	30.1	29.5	28.2	29.0	30.2	27.5	26.2	22.1	17.8
10	21.2	14.1	18.9	29.8	24.1	29.7	30.5	28.1	25.3	25.8	22.8	18.8
11	21.8	14.2	20.6	29.0	22.2	29.6	31.0	26.5	24.7	26.7	22.9	20.7
12	21.5	12.2	21.0	26.9	22.0	29.0	31.7	27.9	25.4	27.3	22.0	19.3
13	22.5	12.7	22.6	25.6	23.4	29.6	31.3	29.7	25.1	24.0	22.1	19.5
14	22.1	11.4	22.4	25.7	24.2	29.2	31.7	29.4	26.2	23.8	21.8	20.8
15	19.5	12.4	22.7	26.2	24.5	29.6	32.2	31.7	26.7	25.1	23.1	20.4
16	16.1	13.9	24.0	25.6	25.2	29.2	31.2	32.4	27.6	25.8	24.1	19.7
17	14.7	14.4	23.8	25.6	26.5	29.6	30.3	33.0	28.0	26.9	23.7	20.3
18	16.6	14.4	23.9	26.0	28.8	27.9	31.1	29.9	28.3	26.4	24.2	20.0
19	19.1	14.9	22.9	25.6	26.0	29.2	30.1	25.8	27.1	24.8	23.4	20.5
20	20.7	14.5	24.1	28.1	23.9	30.3	31.0	27.3	27.9	26.0	19.8	20.0
21	22.1	16.4	24.2	27.6	25.1	30.0	31.8	28.5	27.3	25.4	20.1	20.5
22	20.7	17.5	23.3	26.6	26.9	31.4	32.3	30.6	28.2	25.6	21.6	21.4
23	18.9	18.3	21.5	26.2	28.7	32.7	31.2	30.6	28.9	26.3	24.2	20.0
24	16.5	19.1	21.5	21.7	29.9	32.4	29.5	29.3	30.2	27.2	22.8	17.5
25	15.7	19.7	21.5	21.8	30.3	32.7	28.4	29.9	30.9	26.5	19.9	17.1
26	16.6	19.5	21.0	22.7	31.3	32.2	28.0	29.3	30.4	26.4	20.3	17.9
27	17.1	14.4	21.6	24.6	31.8	31.9	27.9	29.6	27.5	27.6	21.9	18.3
28	18.7	14.2	24.4	24.2	29.5	30.8	29.1	29.1	26.8	26.9	19.9	19.4
29	18.2	15.0	26.3	24.2	30.9	28.7	30.7	30.6	27.1	24.8	17.9	20.8
30	17.3	-99.0	27.5	25.2	31.1	29.0	29.9	31.3	24.9	26.6	18.0	19.8
31	15.4	-99.0	22.9	-99.0	28.0	-99.0	31.0	29.9	-99.0	27.5	-99.0	18.3
2009												
1	15.8	18.9	24.5	21.1	23.8	27.7	31.3	28.9	28.3	27.7	25.0	20.3
2	14.8	19.3	21.9	21.8	24.3	30.1	31.3	28.5	28.6	27.6	25.6	20.1

3	16.1	20.1	21.7	22.6	24.6	29.9	30.8	29.0	25.9	26.3	23.9	21.7
4	18.0	19.9	24.0	23.8	24.4	28.9	29.8	31.0	25.2	26.3	23.7	20.3
5	20.0	20.2	25.8	24.4	24.2	29.5	26.4	32.1	25.5	26.8	23.3	19.9
6	19.2	20.1	21.2	21.2	25.2	29.0	28.1	32.1	28.0	26.7	23.3	20.0
7	19.5	19.2	18.3	21.9	26.4	30.8	27.5	29.9	28.2	25.7	24.5	21.5
8	19.1	20.1	19.5	22.0	27.3	31.7	29.1	25.8	28.8	25.3	25.3	21.7
9	17.0	20.0	20.1	23.3	27.3	32.2	29.9	24.5	28.1	26.1	25.9	22.3
10	15.7	20.9	21.4	24.6	27.7	31.2	30.8	27.4	28.4	26.4	26.7	21.7
11	15.7	21.4	22.8	25.9	27.7	31.1	30.9	27.7	28.3	26.8	27.3	22.0
12	17.1	23.0	24.1	25.5	27.7	30.8	28.4	27.8	29.9	26.8	27.0	22.9
13	17.1	26.2	23.7	27.7	27.3	31.5	29.2	28.8	27.8	27.1	24.5	24.0
14	15.4	25.3	17.5	26.3	27.9	31.6	29.4	29.5	29.4	25.8	22.0	23.6
15	16.5	22.3	17.4	26.8	27.7	30.8	29.4	28.5	29.6	25.3	24.0	24.4
16	16.7	23.1	19.8	29.6	28.1	28.6	27.1	28.2	29.2	25.6	24.1	23.4
17	17.8	23.9	22.0	32.3	28.3	28.4	29.4	27.8	29.7	26.0	17.8	20.7
18	19.0	23.7	23.7	32.7	28.3	30.4	29.9	27.3	29.5	25.6	14.9	18.1
19	19.3	23.9	23.7	33.0	27.6	31.2	30.7	28.1	30.0	24.6	15.8	16.7
20	19.2	24.1	24.8	29.1	27.8	31.0	31.3	28.3	30.7	26.4	15.3	15.7
21	20.1	23.7	25.4	25.7	27.7	31.3	29.3	29.2	29.6	24.6	14.9	15.6
22	21.0	24.1	28.4	25.7	25.9	31.4	29.3	28.4	27.6	24.6	15.7	18.0
23	20.8	24.9	28.6	27.5	26.5	30.6	30.9	27.6	24.3	24.7	19.0	20.0
24	18.2	24.6	27.2	28.5	27.2	31.4	31.3	28.4	24.0	25.0	20.2	20.7
25	15.6	24.2	24.3	25.5	27.5	32.7	32.0	28.6	26.5	25.2	21.1	21.2
26	16.8	24.2	24.1	23.6	28.0	30.4	32.1	28.8	25.9	25.6	22.3	22.7
27	14.2	24.8	24.9	24.3	29.2	30.4	32.4	29.0	26.6	26.1	23.1	23.5
28	16.6	24.9	24.9	23.7	31.0	29.8	31.8	28.6	25.8	24.7	23.9	18.3
29	17.8	-99.0	25.7	23.7	27.5	29.7	29.6	28.5	24.7	25.7	23.6	19.1
30	17.4	-99.0	24.5	24.1	24.2	31.4	28.9	28.2	26.6	23.7	21.1	21.0
31	16.8	-99.0	23.3	-99.0	26.2	-99.0	29.1	27.9	-99.0	24.1	-99.0	21.9

2010

1	22.1	23.1	25.1	25.2	26.3	33.1	27.8	29.7	27.6	25.0	20.9	22.4
2	22.1	22.7	26.9	25.2	26.5	30.6	29.9	27.5	28.0	25.9	20.4	20.8
3	21.4	23.5	26.2	23.5	26.8	25.2	30.2	28.0	27.7	26.8	23.1	22.4
4	21.9	23.7	27.5	24.6	27.7	26.3	30.8	28.9	29.0	25.3	22.7	21.6
5	22.6	23.5	27.1	25.7	30.7	26.9	31.8	28.2	29.7	21.6	21.2	22.6
6	23.8	24.0	28.0	25.7	32.5	26.9	33.2	27.8	29.7	22.6	21.5	23.2
7	22.4	23.3	23.5	25.6	31.6	28.4	34.0	28.3	30.5	25.2	23.1	23.8
8	18.5	23.6	23.7	22.8	30.1	30.8	33.1	27.9	30.9	25.8	23.2	19.3
9	19.7	24.4	18.0	22.8	30.9	31.9	32.2	28.0	30.4	25.7	23.4	19.6
10	21.5	25.3	15.5	27.2	27.2	32.0	31.8	28.3	30.7	26.8	23.6	20.5
11	22.3	26.7	17.3	30.0	26.6	31.4	32.3	29.5	29.6	27.4	23.3	22.2
12	18.1	22.6	20.5	30.1	27.8	31.5	32.0	29.9	29.2	28.2	23.1	23.5
13	15.4	20.8	21.8	27.3	28.1	32.6	31.9	28.5	27.3	27.7	22.9	24.0
14	16.2	21.7	25.2	26.4	29.0	32.9	28.6	28.4	27.3	25.5	23.4	24.8
15	17.9	21.0	23.7	24.1	28.2	33.3	28.8	29.7	27.5	25.2	24.7	25.6
16	17.8	18.1	23.1	19.8	28.4	32.8	28.6	29.6	25.4	24.8	23.9	18.1
17	17.4	16.4	20.6	21.4	28.8	32.7	26.4	29.2	26.7	24.5	22.6	15.2
18	17.8	14.9	21.4	23.1	29.7	32.7	29.3	29.0	26.9	24.6	22.7	16.9
19	19.3	13.2	22.3	25.3	30.5	31.8	29.7	28.7	27.4	24.9	23.2	19.2
20	19.5	15.6	23.6	28.1	33.1	30.9	30.3	26.4	29.8	25.5	22.3	21.7
21	21.9	18.5	24.2	30.6	33.2	29.9	29.6	27.4	30.3	23.9	23.8	21.8
22	21.7	20.6	24.6	27.9	31.5	29.5	28.6	27.6	30.0	24.0	25.0	22.5
23	19.2	21.5	25.1	22.3	31.3	30.3	28.8	25.9	27.7	23.5	24.3	21.7
24	18.6	25.7	26.0	21.7	27.4	31.2	29.7	25.7	27.1	24.5	24.2	21.8
25	18.9	27.0	20.7	23.4	28.0	32.6	29.3	29.0	27.7	26.2	23.7	22.5
26	17.7	28.3	20.4	26.0	28.9	32.9	28.1	29.4	28.4	25.7	21.7	16.6
27	19.5	25.1	18.8	23.4	30.0	32.9	26.9	29.8	27.1	24.6	22.2	18.1
28	21.3	24.2	19.7	23.6	31.5	32.7	28.6	27.0	27.2	19.7	23.2	18.5
29	22.0	-99.0	20.6	24.8	31.1	32.0	30.6	26.9	27.9	19.6	24.0	20.0
30	24.0	-99.0	23.0	25.9	31.2	30.7	31.0	26.6	25.9	21.1	23.6	21.1
31	23.1	-99.0	24.3	-99.0	32.8	-99.0	30.8	27.2	-99.0	22.8	-99.0	20.1

2011

1	20.4	13.9	21.1	17.8	26.3	27.6	27.8	27.5	30.6	23.0	25.4	23.5
2	21.2	13.5	20.9	19.6	27.5	28.6	30.3	26.1	30.8	24.0	24.3	17.7
3	21.8	15.9	19.7	21.7	29.0	28.2	31.2	26.7	30.1	22.0	24.5	18.9
4	18.9	17.7	18.2	22.3	26.5	28.8	30.7	30.3	28.5	21.2	24.2	20.3
5	18.9	18.7	19.0	22.1	26.3	29.1	29.9	32.5	25.9	21.5	24.6	20.6
6	19.0	18.8	22.2	22.7	27.1	30.7	32.3	30.6	28.2	22.4	25.6	20.3
7	14.9	19.2	20.6	22.9	29.2	31.7	33.7	26.9	29.6	23.0	25.7	21.9
8	15.8	19.3	16.5	23.3	30.4	31.8	33.0	29.4	29.2	23.0	24.2	20.3
9	16.4	20.8	17.2	21.8	30.4	32.3	31.5	28.8	27.4	24.8	22.9	16.9
10	13.7	20.1	16.9	20.9	30.0	32.0	30.1	28.8	27.0	25.8	20.6	15.1
11	13.5	20.8	18.0	21.4	31.0	31.8	31.1	28.6	25.8	25.8	22.1	14.0
12	11.5	19.9	18.7	22.2	30.1	31.1	30.2	29.0	25.9	25.3	22.4	15.9
13	13.9	17.3	19.7	22.7	26.6	30.4	29.8	29.1	25.9	25.8	22.7	17.1
14	17.0	15.2	21.9	23.6	26.8	30.4	28.0	29.5	27.8	24.6	23.7	18.8
15	16.7	16.2	22.0	24.4	26.9	31.7	27.4	29.0	27.5	24.6	23.6	17.8

16	14.6	17.6	14.2	24.7	26.7	32.3	28.5	27.1	27.6	23.7	24.5	16.8
17	15.9	18.8	12.5	24.6	24.8	32.2	30.1	26.7	27.5	21.9	24.8	16.0
18	16.2	18.0	14.6	23.8	24.3	30.8	30.5	27.5	28.4	23.6	23.6	16.8
19	17.2	18.1	17.3	23.2	25.7	29.8	29.5	27.1	27.9	24.3	23.4	16.4
20	16.9	17.0	20.1	23.1	27.5	30.4	30.1	27.9	26.8	23.3	24.6	17.6
21	14.8	17.4	21.1	24.7	29.7	31.1	29.0	27.7	26.1	23.9	25.1	18.9
22	14.6	18.0	20.6	24.8	32.0	31.9	30.3	28.1	25.3	23.9	24.7	18.2
23	15.6	18.7	16.6	23.9	27.5	31.2	30.1	29.6	24.8	25.4	24.5	18.2
24	14.8	19.7	16.0	22.6	24.7	27.9	29.1	29.6	25.3	25.9	24.5	17.8
25	15.0	22.3	15.5	23.0	24.6	28.9	29.1	28.9	24.3	25.3	22.1	14.9
26	15.7	23.0	14.5	23.8	25.3	30.4	29.3	28.8	22.4	26.0	22.7	16.5
27	16.0	21.8	13.9	24.7	24.9	30.3	29.7	28.7	24.4	26.5	23.7	16.9
28	15.7	22.3	13.9	24.9	24.9	30.5	28.8	28.8	26.3	27.0	24.0	17.4
29	13.5	-99.0	13.8	25.4	25.0	29.0	28.5	28.8	27.1	25.8	23.5	19.1
30	13.3	-99.0	13.9	26.1	26.4	28.7	26.5	29.3	24.1	25.4	25.0	18.8
31	13.8	-99.0	16.2	-99.0	26.5	-99.0	28.2	31.0	-99.0	24.8	-99.0	18.3

2012

1	17.9	16.5	19.0	20.9	33.2	26.9	28.5	30.0	29.4	26.1	23.0	26.5
2	18.5	17.5	19.8	22.0	33.6	27.8	28.0	30.6	28.0	26.1	24.0	24.1
3	19.7	17.3	20.8	22.6	33.8	28.2	26.8	29.3	26.7	26.7	25.1	22.2
4	18.2	17.1	22.8	23.4	32.1	30.1	27.1	30.8	25.3	27.7	25.2	22.2
5	14.8	19.6	23.8	24.3	30.0	31.4	27.8	31.4	26.3	27.9	25.3	21.8
6	16.1	22.3	25.4	24.3	28.0	30.5	27.2	31.4	27.1	27.2	25.5	20.1
7	16.6	19.6	24.5	23.3	27.9	28.5	29.2	29.6	26.6	24.5	25.5	21.6
8	17.0	16.8	24.0	21.8	27.7	28.3	29.9	28.1	27.6	26.5	26.8	21.5
9	16.8	17.6	21.4	-99.0	28.3	29.8	29.9	27.7	27.8	26.2	27.1	22.8
10	16.5	18.5	17.5	-99.0	29.2	31.2	30.0	28.6	27.5	23.5	27.3	22.9
11	16.5	18.0	16.9	-99.0	26.8	31.5	30.5	29.9	28.1	25.8	26.7	23.3
12	16.4	17.6	16.2	-99.0	26.8	32.4	29.6	30.9	27.3	26.1	23.2	23.9
13	17.1	19.3	16.8	27.4	31.2	32.2	31.0	31.5	27.6	27.1	23.8	22.5
14	18.9	19.6	18.0	26.7	29.9	-99.0	31.5	31.3	22.3	26.1	24.7	23.5
15	19.6	20.7	19.6	27.3	27.8	30.3	32.0	29.1	22.2	25.4	25.1	24.8
16	20.3	21.1	21.2	28.1	27.0	26.1	32.2	27.8	24.4	25.6	25.3	25.2
17	19.8	18.0	22.3	28.6	27.0	29.1	31.8	28.0	25.8	25.7	22.1	25.8
18	21.9	15.8	23.5	28.3	28.5	28.6	31.6	29.3	27.2	24.6	23.0	24.8
19	22.3	-99.0	23.5	29.5	30.8	31.0	30.8	30.1	27.2	24.9	23.9	21.2
20	22.5	16.0	24.4	29.0	31.3	30.8	31.0	29.8	28.0	25.7	25.0	23.0
21	22.8	18.1	25.1	24.8	32.2	30.8	32.2	30.0	28.0	26.5	26.0	24.5
22	21.1	20.8	25.2	24.5	31.9	28.5	33.2	28.7	28.1	26.2	27.4	16.1
23	16.4	20.8	23.6	27.5	29.7	30.2	28.5	25.5	28.3	25.7	27.0	16.1
24	16.4	20.5	18.8	31.2	29.5	29.1	28.9	27.4	28.4	25.9	26.2	15.1
25	15.8	21.7	18.4	32.8	30.4	30.6	27.6	27.3	28.2	25.5	25.6	19.1
26	15.5	19.8	19.2	27.0	28.9	31.2	29.2	28.5	27.4	26.5	25.9	21.2
27	17.3	16.5	20.8	24.1	27.1	31.0	29.5	29.2	27.1	25.0	21.8	20.8
28	19.0	16.7	21.2	29.0	26.6	30.9	30.8	28.7	25.8	25.4	23.0	22.1
29	18.2	-99.0	21.9	31.6	28.4	31.0	28.7	29.4	26.1	26.4	24.8	22.6
30	16.9	-99.0	23.0	32.2	27.8	30.6	28.2	30.3	26.2	26.3	25.6	20.4
31	15.7	-99.0	21.6	-99.0	26.8	-99.0	28.5	30.8	-99.0	24.2	-99.0	16.1

7777 HATINH

1961

1	17.1	12.6	20.3	19.9	25.7	31.6	29.7	30.8	24.5	25.2	24.2	23.1
2	19.1	12.8	21.4	21.5	26.3	32.0	30.5	31.7	26.6	25.5	24.7	23.9
3	19.8	14.0	21.4	23.0	26.1	27.8	30.3	31.3	28.7	26.5	24.3	23.0
4	19.7	17.0	21.9	24.6	24.0	24.2	30.5	31.1	27.6	26.4	21.6	20.5
5	18.1	20.0	21.9	25.1	24.4	26.2	30.2	30.3	26.8	26.1	21.0	15.9
6	16.1	20.9	22.2	24.6	25.0	27.2	30.5	30.5	26.2	25.7	19.9	15.3
7	14.1	19.3	22.4	25.5	25.7	25.7	30.8	29.9	26.9	24.2	20.8	16.5
8	17.0	17.2	22.3	25.1	26.7	27.3	30.4	30.3	26.0	24.8	22.8	17.1
9	19.9	18.5	19.1	23.4	28.2	28.6	30.7	30.1	24.5	25.7	23.4	17.8
10	19.8	20.8	17.4	22.2	30.5	28.5	30.2	30.2	26.6	25.7	23.0	18.8
11	15.2	21.4	18.1	24.7	30.3	28.1	31.0	31.0	28.0	25.6	23.7	19.2
12	13.9	20.1	19.3	25.8	23.5	26.7	31.5	30.8	27.9	24.7	24.1	19.7
13	11.4	18.2	21.1	25.5	25.0	28.0	31.5	29.1	27.9	22.9	23.3	20.4
14	11.6	18.2	21.9	25.8	26.6	25.0	31.3	28.3	28.4	22.0	23.0	21.4
15	13.7	16.8	19.7	24.6	28.2	28.1	29.8	27.8	27.4	22.8	23.2	22.2
16	14.9	15.7	19.3	23.5	28.2	29.2	30.6	26.5	26.4	24.6	23.7	23.2
17	13.0	12.4	21.1	25.8	28.0	28.6	28.0	28.6	25.8	25.3	24.8	23.5
18	13.1	13.2	22.7	27.3	27.3	27.8	27.0	29.0	25.8	25.7	24.8	24.0
19	14.6	16.0	23.0	28.3	28.0	27.6	26.8	27.3	26.5	24.8	25.1	24.4
20	15.9	18.2	24.3	28.8	30.6	27.4	27.4	25.2	26.3	25.2	20.7	23.9
21	17.3	18.4	24.0	30.1	29.3	27.8	28.1	26.6	28.0	24.4	20.8	23.8
22	18.5	18.0	24.1	29.3	27.9	28.2	28.7	26.8	27.6	25.2	18.9	20.6
23	18.8	16.5	24.0	29.7	25.1	28.6	29.1	28.1	25.1	25.3	18.9	20.5
24	18.7	16.3	23.3	30.0	26.2	29.1	30.2	28.7	24.7	25.7	17.7	21.3
25	18.8	16.6	19.8	29.5	26.6	27.3	31.2	28.3	25.9	25.7	17.2	22.5
26	18.2	17.0	19.6	23.1	25.8	27.0	31.2	29.1	27.7	24.6	18.1	22.6
27	18.8	16.6	17.3	21.4	26.5	29.6	30.9	28.7	29.0	25.1	20.9	22.0

28	19.0	18.3	16.0	22.8	27.3	30.5	31.0	29.3	28.6	25.8	22.5	19.3
29	21.2	-99.0	17.6	23.4	26.5	26.5	30.5	28.3	28.5	25.4	23.7	15.8
30	21.6	-99.0	18.6	25.1	29.3	27.7	30.1	27.4	27.3	25.2	23.9	16.8
31	18.1	-99.0	18.1	-99.0	31.3	-99.0	29.8	25.2	-99.0	24.4	-99.0	14.2
1962												
1	11.4	13.5	15.4	23.3	26.8	28.1	30.8	27.4	29.0	24.8	26.7	14.3
2	11.1	15.3	14.8	23.1	28.6	27.1	30.6	28.1	29.9	25.2	26.2	14.4
3	11.9	15.8	15.7	19.7	29.2	28.4	29.4	28.4	27.8	26.9	25.2	15.5
4	13.5	14.9	17.9	18.1	29.7	28.8	28.7	27.3	25.1	26.9	18.2	16.0
5	15.5	14.9	19.5	21.4	29.6	29.1	28.0	27.3	22.4	26.1	18.9	16.0
6	16.3	16.2	21.2	23.2	27.7	30.6	27.7	26.9	25.5	25.6	21.2	16.2
7	17.4	16.8	21.9	24.3	28.5	29.1	27.8	27.7	26.1	25.8	22.2	17.5
8	15.8	17.9	22.3	24.5	29.7	26.8	28.5	27.1	24.6	25.1	21.0	16.9
9	13.9	18.8	22.9	23.6	27.9	27.7	29.9	27.3	23.8	25.9	22.2	18.5
10	15.2	20.1	22.1	23.7	24.9	26.5	29.9	27.3	25.0	26.1	21.7	20.0
11	16.8	21.4	21.0	24.4	26.2	29.0	26.0	27.3	25.9	26.7	21.7	19.6
12	18.5	21.9	20.8	24.8	27.0	29.4	26.0	28.0	26.8	26.8	21.3	20.4
13	18.5	22.4	21.5	22.0	27.0	30.1	26.4	28.4	26.9	27.2	22.6	21.0
14	19.7	17.8	23.3	20.2	28.3	29.1	26.7	28.2	26.7	26.7	22.2	21.6
15	21.2	15.7	22.6	21.6	28.6	28.4	28.3	28.1	27.0	20.1	23.4	21.3
16	18.5	15.3	23.2	23.7	28.6	27.8	27.8	29.0	26.1	20.1	23.8	21.8
17	15.7	16.3	23.4	23.7	29.2	25.3	27.9	29.4	27.0	20.5	24.1	20.4
18	14.5	17.2	24.4	21.1	23.9	26.3	27.0	29.4	25.9	23.5	23.7	19.8
19	11.7	16.6	25.2	20.9	22.3	28.3	28.7	28.9	26.4	23.9	23.6	20.8
20	11.9	17.1	30.0	21.9	24.7	29.1	30.3	28.9	26.9	24.3	23.0	19.6
21	13.6	17.9	29.1	24.8	25.8	30.6	30.7	29.2	27.5	21.1	23.7	18.5
22	15.0	19.2	20.8	25.2	27.2	31.4	30.8	29.7	25.5	21.0	21.5	16.7
23	15.5	19.8	16.8	24.7	27.4	31.2	30.9	29.0	26.6	21.7	16.7	16.7
24	14.8	20.9	13.9	25.1	27.4	31.3	29.9	26.4	25.7	20.9	18.3	16.6
25	15.3	21.3	14.8	22.3	28.6	28.8	29.7	26.4	26.6	22.8	21.0	17.6
26	15.7	20.3	17.2	22.9	31.0	30.5	30.0	28.0	25.1	20.5	21.3	18.5
27	13.4	18.3	17.6	23.9	31.8	31.2	30.7	29.0	25.8	20.7	18.2	19.7
28	14.4	17.5	18.8	25.5	32.3	30.6	29.8	29.6	24.9	22.4	15.0	20.8
29	17.3	-99.0	18.5	25.0	32.8	30.7	29.4	29.8	25.2	23.0	13.1	21.5
30	16.2	-99.0	17.5	25.4	29.9	30.0	29.8	29.9	24.7	24.5	12.6	18.2
31	13.1	-99.0	19.8	-99.0	29.3	-99.0	28.7	26.8	-99.0	25.4	-99.0	16.2
1963												
1	17.5	16.5	17.8	22.4	25.6	31.1	29.5	28.3	28.2	24.8	22.3	22.9
2	17.1	17.7	17.8	22.6	25.5	29.6	29.1	27.0	28.3	24.2	23.5	21.7
3	16.4	18.7	18.7	22.6	25.0	26.6	28.2	26.6	27.8	25.9	23.0	17.3
4	18.4	18.2	19.6	23.8	26.0	27.0	27.1	26.8	27.8	25.6	23.6	16.8
5	16.4	19.5	20.8	24.1	26.4	27.8	28.7	27.2	27.8	23.4	24.0	18.6
6	15.6	20.4	20.0	23.9	27.1	28.5	28.9	27.2	29.1	22.2	23.5	20.3
7	15.5	20.9	20.2	23.6	27.7	29.2	30.1	26.8	28.0	23.1	23.6	21.6
8	14.2	19.6	20.6	16.4	26.5	27.8	30.6	26.2	25.6	25.1	23.5	22.7
9	15.6	14.9	21.9	16.3	26.5	28.3	30.6	26.4	24.2	25.9	23.3	22.8
10	15.5	14.8	23.4	17.9	28.2	25.4	32.2	27.4	27.4	26.6	24.3	18.2
11	14.2	13.8	23.1	20.0	28.3	26.7	31.8	28.1	28.6	26.4	23.6	15.5
12	13.3	14.1	22.6	21.8	27.3	28.4	30.3	28.5	28.2	26.5	24.3	16.5
13	13.4	15.2	17.8	23.2	28.5	29.4	30.3	29.0	29.5	25.8	24.3	17.2
14	12.5	15.9	15.4	23.8	28.4	29.0	28.8	29.9	29.7	25.0	24.9	19.0
15	12.0	16.0	14.1	23.4	27.6	28.0	27.9	30.6	30.2	25.9	24.4	21.1
16	12.7	16.7	15.7	25.9	25.7	25.5	28.8	30.4	29.2	26.2	24.2	21.9
17	13.8	18.8	16.9	25.7	27.4	28.0	30.5	29.3	28.6	24.2	24.5	21.6
18	14.3	19.7	18.8	25.4	25.7	29.5	30.9	29.0	25.8	20.6	24.6	19.7
19	15.2	19.6	20.0	25.2	27.3	28.6	29.2	29.3	28.4	20.7	24.7	19.4
20	16.7	19.6	21.0	26.9	28.2	28.4	29.5	28.9	28.0	21.0	23.1	18.9
21	17.4	18.2	22.4	27.7	26.0	28.9	27.8	28.3	27.6	19.8	24.2	17.7
22	17.5	15.3	21.7	25.6	25.8	28.6	27.5	28.4	26.7	20.4	24.5	16.6
23	17.4	15.6	21.3	24.7	27.0	27.9	28.4	26.9	26.5	20.9	24.3	17.4
24	15.5	16.4	21.6	25.2	26.7	27.7	26.0	27.3	24.9	23.0	24.7	18.9
25	15.1	17.4	23.5	24.8	27.5	28.3	25.4	27.8	23.1	23.3	20.0	19.7
26	13.9	17.3	23.6	25.1	27.6	28.7	26.8	27.4	23.7	21.2	20.2	20.1
27	13.8	17.3	24.1	24.6	27.5	28.9	26.1	28.2	25.7	21.8	18.7	16.4
28	14.3	16.4	19.4	25.5	27.8	29.3	26.6	27.3	26.6	21.9	20.5	16.4
29	16.2	-99.0	19.3	24.9	28.2	29.9	27.1	27.8	25.2	21.4	22.8	18.5
30	17.0	-99.0	19.3	25.7	29.2	30.1	27.4	24.6	26.5	21.6	23.1	20.1
31	16.1	-99.0	21.2	-99.0	30.9	-99.0	28.3	27.7	-99.0	22.7	-99.0	21.9
1964												
1	22.9	13.9	16.5	21.3	24.8	31.0	27.9	32.5	27.3	22.9	25.3	23.4
2	19.7	14.6	17.9	23.3	25.1	29.4	27.3	32.4	27.5	23.3	24.6	22.6
3	15.9	14.8	19.5	24.6	26.1	29.3	26.4	31.1	28.7	24.8	24.2	19.5
4	16.9	15.7	21.0	26.6	25.8	24.5	26.5	30.1	29.1	26.1	22.5	13.3
5	18.4	16.9	22.2	26.7	23.8	21.5	27.0	27.5	27.6	26.0	24.1	14.9
6	20.0	18.3	22.2	24.8	24.5	25.3	28.3	26.3	28.5	26.0	24.0	15.6
7	21.2	20.8	20.2	23.7	25.3	28.2	28.2	26.7	28.3	24.7	19.9	16.7
8	21.1	22.1	18.7	24.8	26.0	29.3	27.9	29.7	27.2	23.1	20.0	18.5

9	22.3	22.4	17.4	24.9	28.0	29.4	28.0	29.4	27.5	22.7	18.7	20.5
10	21.8	22.4	17.0	25.1	28.2	30.2	29.2	30.0	27.5	22.3	17.5	21.2
11	21.0	23.0	17.4	24.6	22.7	30.3	29.7	30.0	28.4	24.7	17.4	19.4
12	21.6	18.1	19.0	25.6	22.2	30.5	28.6	30.5	29.3	25.5	18.4	20.4
13	22.6	15.7	19.1	25.4	23.6	31.2	28.4	27.9	28.0	26.3	19.3	19.5
14	22.8	17.3	19.4	25.8	25.9	30.1	28.8	26.9	26.8	27.1	19.2	20.7
15	22.3	19.4	19.5	25.2	26.8	30.3	30.3	26.1	27.4	26.6	19.4	17.3
16	22.1	20.9	20.8	25.5	27.7	31.2	30.6	28.7	26.0	26.2	19.5	15.9
17	21.8	20.8	22.0	24.7	28.3	31.2	30.9	29.0	26.6	27.1	19.2	15.6
18	16.2	18.9	22.8	24.3	29.6	31.7	31.0	29.8	26.8	26.5	18.1	13.8
19	13.2	17.9	23.7	25.5	30.4	31.4	32.2	29.9	27.1	26.1	17.8	13.5
20	14.4	14.3	24.0	25.8	30.2	28.5	30.1	29.9	27.3	26.2	19.5	15.4
21	17.9	12.0	24.8	25.7	28.9	28.6	29.9	28.3	27.1	25.9	20.3	17.2
22	23.7	13.6	24.6	26.0	28.3	28.9	28.2	27.8	25.0	25.5	17.9	17.6
23	21.0	14.1	25.0	25.9	28.0	29.1	27.8	27.4	25.8	23.2	18.2	19.4
24	16.5	12.4	21.3	26.7	28.1	29.5	28.4	25.3	27.0	21.9	18.8	19.3
25	14.2	9.8	15.2	27.0	27.9	29.3	29.0	28.3	26.7	20.8	19.0	19.8
26	14.2	9.7	16.3	26.7	27.7	28.8	28.6	28.1	26.6	23.3	19.0	19.3
27	14.8	11.9	19.0	26.8	26.8	30.3	28.9	28.2	26.9	23.5	19.6	15.7
28	13.9	14.5	19.9	27.1	27.0	31.5	29.8	28.5	25.4	24.4	20.2	15.6
29	13.4	-99.0	20.4	26.4	29.3	31.6	30.9	27.6	23.4	25.3	21.2	16.8
30	12.4	-99.0	20.9	26.4	28.1	30.0	32.6	27.8	22.7	25.7	22.4	18.0
31	12.8	-99.0	21.4	-99.0	29.6	-99.0	32.9	26.9	-99.0	24.7	-99.0	17.4
1965												
1	17.1	20.9	20.0	24.6	23.9	27.8	28.7	29.0	28.9	27.7	26.2	18.6
2	18.1	19.0	21.5	28.4	21.3	28.5	29.3	29.5	26.0	28.2	26.0	20.8
3	19.1	17.3	21.8	28.7	22.8	29.9	30.7	29.6	27.2	27.2	25.2	22.0
4	20.1	18.8	18.4	28.3	24.2	30.4	31.4	30.8	28.2	27.5	24.5	21.9
5	20.5	21.1	17.4	26.1	25.8	26.7	30.4	30.8	29.2	27.6	24.2	23.1
6	20.9	16.9	16.6	22.7	26.7	27.7	31.4	30.7	28.0	27.5	25.4	23.6
7	17.3	16.9	15.3	23.7	28.4	28.1	29.6	30.1	25.8	27.9	25.6	19.9
8	15.1	19.1	13.9	24.3	29.5	28.3	31.0	30.5	25.8	27.4	25.3	19.1
9	17.3	20.7	14.8	25.4	31.1	28.3	30.4	30.2	26.3	27.3	24.2	18.6
10	17.3	22.2	17.0	25.7	31.7	27.3	30.0	30.2	27.0	26.9	22.2	20.4
11	15.6	22.6	18.5	21.1	31.2	26.3	27.9	30.2	27.1	24.1	22.2	18.7
12	14.5	22.8	19.4	21.0	30.3	25.7	24.6	28.9	27.9	25.4	23.1	18.8
13	16.0	22.3	19.9	22.0	30.3	27.0	27.0	28.0	25.8	27.1	22.9	21.0
14	14.9	21.8	20.1	23.6	32.5	27.7	28.4	27.3	24.4	23.3	22.5	22.4
15	16.0	22.2	20.1	24.8	32.0	28.5	30.0	27.0	25.8	21.7	23.5	22.5
16	16.5	22.9	20.1	25.9	25.6	29.8	30.3	27.8	25.6	22.6	24.9	22.8
17	17.3	23.0	19.2	26.1	26.7	30.0	29.6	28.1	25.3	21.5	24.6	12.5
18	17.4	23.6	20.3	23.2	27.0	30.4	29.7	25.4	25.4	23.0	24.6	11.0
19	18.1	23.7	20.6	24.1	27.4	28.3	31.1	25.7	26.2	24.0	24.0	14.0
20	17.5	23.4	22.5	25.9	26.8	25.7	32.1	26.3	24.3	23.7	21.5	17.3
21	18.2	24.2	23.9	28.4	26.6	27.0	31.2	28.3	25.8	22.0	20.0	20.0
22	18.9	24.0	23.0	29.7	26.6	26.6	27.2	27.8	26.4	21.9	20.4	21.3
23	18.2	21.9	23.5	28.7	26.6	27.7	29.7	27.9	26.8	23.5	21.4	21.7
24	18.5	19.6	23.8	28.3	27.5	28.9	28.6	27.7	26.0	24.7	23.1	20.1
25	18.4	17.7	24.5	27.2	27.7	29.5	26.6	28.1	25.2	26.2	21.0	18.0
26	18.6	15.5	24.3	27.0	27.2	31.0	26.6	28.0	26.3	26.8	18.2	19.0
27	20.1	16.1	21.9	28.2	28.7	30.0	29.2	25.2	27.6	26.3	17.3	16.5
28	21.1	18.1	21.7	30.6	28.1	28.7	30.0	25.3	28.4	24.2	17.9	16.2
29	22.0	-99.0	23.7	25.9	24.7	26.9	28.8	27.3	28.8	25.5	19.4	15.5
30	22.2	-99.0	25.0	23.8	23.7	28.9	27.3	29.0	26.7	25.5	20.4	13.9
31	21.6	-99.0	25.4	-99.0	26.2	-99.0	28.2	29.4	-99.0	26.1	-99.0	13.8
1966												
1	15.1	20.6	23.0	22.3	27.7	30.6	31.2	29.0	28.9	25.2	22.8	13.3
2	17.7	21.1	22.7	23.0	27.9	30.9	30.8	27.5	26.0	26.1	22.0	12.8
3	17.3	22.2	25.0	25.1	22.8	30.7	30.2	29.6	27.2	26.1	21.7	13.9
4	18.2	22.8	26.8	26.8	22.1	27.2	30.5	30.8	28.2	24.9	22.3	15.9
5	18.4	18.7	25.8	23.0	23.4	27.8	30.7	30.8	29.2	25.6	22.7	17.6
6	18.8	18.6	26.6	22.8	24.5	27.3	31.6	30.7	28.0	25.6	22.8	18.1
7	19.8	19.6	28.1	25.0	24.3	28.0	31.3	30.1	25.8	25.4	22.4	19.8
8	19.7	20.2	20.5	25.8	24.9	29.9	31.0	30.5	25.8	25.3	22.9	21.2
9	21.0	21.6	16.7	25.7	26.1	29.8	30.9	30.2	26.3	25.9	24.5	21.2
10	21.2	22.7	16.6	25.7	30.8	31.3	29.2	30.2	27.0	26.6	25.2	21.7
11	21.8	23.1	18.4	25.3	32.8	31.6	29.4	30.2	27.1	27.2	24.0	21.4
12	22.3	22.1	20.4	25.4	33.3	30.9	29.1	28.9	27.9	27.4	23.9	21.4
13	22.8	17.0	22.5	25.8	32.6	27.1	28.8	28.0	25.8	27.3	26.2	21.3
14	23.3	16.0	24.2	27.3	29.5	28.6	30.4	27.3	24.4	28.0	24.2	22.4
15	22.1	19.2	24.2	25.3	26.4	29.5	31.0	27.0	25.8	23.0	17.0	22.7
16	22.3	21.9	24.5	24.9	25.2	29.0	28.9	27.8	25.6	24.5	20.8	23.3
17	23.4	22.7	27.0	24.9	24.8	28.1	27.3	28.1	25.3	22.3	21.6	24.5
18	23.6	22.4	27.6	24.6	26.7	28.0	26.9	25.4	25.4	20.1	19.9	24.7
19	22.8	22.6	18.6	25.8	23.5	29.3	27.0	25.7	26.2	20.5	21.5	24.7
20	20.1	22.8	19.9	26.3	21.4	29.9	28.0	26.3	24.3	21.5	21.1	24.7
21	16.5	23.9	24.3	24.9	23.5	31.0	28.7	28.3	25.8	23.6	17.5	24.2



22	18.1	23.9	28.7	26.7	24.6	31.3	28.0	27.8	26.4	23.7	18.9	23.4
23	20.1	15.7	27.2	28.2	24.3	29.2	28.7	27.9	26.8	24.9	20.1	22.4
24	21.7	12.6	24.8	28.3	25.3	29.8	28.9	27.7	26.0	23.5	21.3	21.8
25	20.2	14.9	23.9	29.6	25.7	29.6	29.4	28.1	25.2	24.1	21.0	22.8
26	19.3	16.4	20.5	31.6	26.3	28.8	29.7	28.0	26.3	24.8	17.1	19.4
27	21.5	19.2	19.2	27.8	26.8	29.1	30.8	25.2	27.6	25.4	18.7	13.9
28	15.8	21.1	20.1	28.9	27.8	29.9	29.8	25.3	28.4	20.6	20.9	12.1
29	15.2	-99.0	20.4	31.8	27.7	30.3	30.0	27.3	28.8	21.0	23.0	14.6
30	17.0	-99.0	20.8	28.6	29.8	31.5	29.2	29.0	26.7	21.5	19.0	17.2
31	19.2	-99.0	21.9	-99.0	31.0	-99.0	28.1	29.4	-99.0	23.5	-99.0	17.9
1967												
1	15.3	13.0	15.4	21.4	29.6	29.1	31.8	30.9	28.9	25.5	25.0	15.3
2	13.3	11.5	18.3	21.9	27.9	28.4	31.5	31.7	30.1	25.9	24.0	14.5
3	11.2	11.4	19.2	22.6	27.5	28.1	30.8	32.2	29.8	22.0	24.7	16.4
4	12.0	12.9	20.6	20.8	27.8	27.7	31.8	32.8	29.4	22.6	20.9	18.9
5	12.9	14.9	17.0	18.8	28.2	26.6	32.9	32.1	27.0	23.0	21.4	21.3
6	14.8	17.5	13.2	20.1	27.0	28.5	32.8	31.0	24.6	23.4	22.4	21.3
7	16.6	17.5	12.2	21.2	27.5	28.2	33.2	31.4	27.0	24.6	22.8	18.8
8	15.5	18.7	14.6	22.5	25.5	26.0	31.3	30.9	27.0	24.2	23.7	15.2
9	14.1	19.1	14.8	23.5	25.1	24.8	31.0	29.6	27.3	23.0	24.5	16.3
10	14.5	16.9	14.8	24.8	25.2	26.4	31.6	30.2	28.0	21.8	24.2	14.0
11	11.9	13.5	17.2	24.4	24.8	26.2	32.0	29.8	26.8	24.6	25.4	12.0
12	11.7	13.5	19.0	23.7	26.1	27.1	32.0	31.6	25.7	26.0	20.0	12.6
13	13.5	14.2	19.9	21.4	27.4	27.8	32.2	32.5	26.5	26.6	17.4	11.9
14	13.7	13.0	20.5	21.6	27.2	28.3	30.2	31.7	23.2	26.2	18.2	13.2
15	13.5	12.7	22.0	21.8	27.5	28.6	29.1	28.7	22.8	25.1	18.2	13.7
16	12.9	15.0	22.3	21.7	27.7	29.0	28.9	27.3	23.1	24.2	20.0	16.9
17	11.3	15.6	22.8	22.3	27.5	31.1	28.9	27.1	23.8	22.1	21.5	17.4
18	11.5	16.1	23.1	23.8	26.5	31.8	28.7	29.6	22.2	22.5	21.8	16.5
19	12.7	16.8	23.4	22.4	29.5	32.0	28.4	27.5	23.0	21.5	22.0	17.2
20	14.9	19.1	23.4	22.2	30.0	32.6	28.9	26.4	25.1	19.6	22.1	19.4
21	16.3	20.9	23.2	23.6	31.2	32.8	30.0	27.6	26.4	21.6	21.8	19.7
22	17.2	20.8	23.3	24.7	31.8	32.2	29.8	29.1	24.2	22.8	20.5	19.5
23	17.2	21.5	23.3	25.8	31.7	31.2	30.6	30.1	21.2	23.1	20.7	19.8
24	17.9	20.9	22.3	22.1	32.3	29.6	30.4	29.9	21.6	22.9	21.8	19.1
25	18.8	17.2	23.3	22.7	32.2	28.7	27.9	28.4	22.7	23.5	22.7	18.8
26	19.9	14.2	24.1	23.1	31.5	28.4	28.7	24.7	23.7	23.0	23.6	20.0
27	21.3	12.1	25.6	25.1	30.7	28.6	28.5	26.0	25.5	23.3	22.9	20.5
28	21.5	12.5	25.4	27.5	29.4	28.6	28.9	27.5	27.1	23.3	22.2	17.9
29	21.2	-99.0	25.0	29.0	28.6	29.9	29.2	28.6	27.2	23.1	23.2	12.1
30	17.7	-99.0	25.3	30.3	29.8	31.7	28.1	30.0	27.3	23.2	16.9	11.5
31	14.5	-99.0	29.5	-99.0	31.6	-99.0	29.0	30.0	-99.0	24.8	-99.0	12.9
1968												
1	13.0	22.4	16.3	20.9	21.5	24.0	30.6	29.1	27.1	25.0	25.0	21.9
2	14.6	18.0	13.2	22.4	22.3	25.1	31.6	28.0	27.2	24.8	24.6	22.3
3	14.8	15.2	14.7	22.1	24.4	26.3	31.9	27.9	27.5	26.0	24.7	23.5
4	14.1	14.1	17.0	19.5	26.7	27.0	31.4	27.2	25.2	26.0	24.8	23.0
5	14.9	13.9	18.2	19.5	27.6	27.4	30.8	27.6	25.8	27.2	21.8	23.4
6	16.9	12.6	19.7	19.9	25.3	28.4	31.0	27.7	25.1	28.9	21.2	23.1
7	18.7	12.2	20.2	22.2	27.6	29.0	31.3	28.9	25.9	29.2	24.1	23.4
8	18.1	11.0	19.6	23.1	26.2	28.4	31.3	29.0	27.9	27.7	26.1	23.3
9	15.6	12.1	17.6	24.4	26.6	26.9	31.9	29.6	26.4	25.1	23.6	22.9
10	17.1	11.2	17.9	24.9	26.8	26.3	30.8	28.1	26.8	25.5	23.3	23.5
11	18.3	11.5	18.8	20.5	27.4	29.0	30.3	28.1	27.1	24.1	23.5	22.7
12	18.5	11.8	18.7	17.9	26.8	29.5	31.4	26.9	26.0	25.0	23.5	22.8
13	17.7	11.6	19.1	18.9	24.9	30.1	31.1	26.3	25.9	25.3	24.0	23.5
14	18.6	11.8	20.8	20.8	25.9	30.8	30.5	27.4	27.5	25.4	23.0	21.8
15	17.6	13.3	21.4	22.5	27.5	30.6	29.6	27.9	28.6	25.0	21.3	20.9
16	15.6	13.5	21.8	23.7	28.4	31.2	28.5	28.3	28.5	25.2	22.2	19.6
17	16.8	13.5	22.0	24.5	29.5	30.2	29.1	27.9	28.6	24.3	22.2	22.2
18	17.9	13.8	23.1	24.9	30.8	29.2	30.1	25.7	28.2	24.6	21.6	22.3
19	18.8	13.9	23.2	24.7	29.7	30.2	31.2	26.9	28.4	20.6	22.4	23.2
20	19.1	13.4	23.9	20.3	29.0	30.5	31.3	27.9	28.5	21.0	23.7	22.9
21	19.0	13.9	23.3	21.4	29.8	30.9	28.8	29.2	24.8	21.6	23.1	22.5
22	20.5	14.2	22.6	22.3	29.5	30.8	28.2	30.7	25.1	22.9	23.0	17.2
23	21.6	14.0	23.2	23.8	30.4	30.9	27.6	30.3	25.7	23.6	21.5	17.7
24	21.6	14.1	23.0	24.6	31.6	30.8	27.6	31.1	26.2	23.2	22.5	19.8
25	21.7	13.5	16.9	23.6	32.9	29.8	28.8	31.4	26.0	21.6	23.0	21.9
26	20.9	12.7	15.9	21.0	30.4	28.6	31.0	31.6	25.0	21.5	23.4	22.2
27	21.1	13.8	17.3	20.4	29.9	29.9	31.6	31.2	25.9	22.0	24.1	21.6
28	20.6	15.7	19.7	21.4	25.7	29.3	29.4	31.7	27.2	23.4	23.4	21.6
29	20.6	-99.0	19.7	21.8	26.2	29.2	30.4	31.9	24.8	22.5	21.9	22.5
30	21.0	-99.0	21.2	20.8	28.3	30.3	30.6	29.3	25.2	23.0	21.5	22.8
31	21.7	-99.0	20.6	-99.0	26.1	-99.0	30.3	28.7	-99.0	23.9	-99.0	22.6
1969												
1	22.8	14.3	17.9	18.8	26.4	26.6	29.4	30.1	27.8	24.8	24.3	17.5
2	21.7	14.2	17.9	20.4	26.6	27.1	28.1	30.6	26.5	23.7	21.8	18.4

3	18.1	15.8	18.5	22.3	27.5	28.8	29.2	31.0	27.4	23.7	20.7	16.1
4	18.6	12.6	17.8	21.1	27.7	30.0	30.2	30.3	26.0	25.0	20.7	15.1
5	17.7	12.2	16.7	15.0	28.3	30.9	31.1	29.3	25.4	23.7	20.8	16.7
6	14.4	11.7	16.9	16.7	24.9	27.0	31.0	30.0	26.4	24.7	19.4	18.4
7	13.0	12.2	17.8	18.3	26.2	27.6	31.3	29.3	26.5	23.7	19.5	19.3
8	16.1	13.6	18.7	20.0	25.9	30.5	30.9	27.9	26.7	22.8	19.2	19.0
9	18.4	14.7	17.5	20.7	27.0	31.5	31.1	26.3	27.3	23.9	20.4	14.9
10	21.1	18.6	16.9	21.4	28.6	31.7	30.9	27.6	27.9	23.5	21.0	13.9
11	22.6	20.0	17.3	23.9	29.0	28.6	28.6	28.3	28.1	24.0	20.4	14.4
12	19.6	22.0	16.7	24.8	31.3	29.3	28.8	27.1	28.2	24.3	21.4	16.3
13	15.9	21.9	16.5	24.9	33.0	30.6	29.6	27.5	26.2	25.0	23.3	17.7
14	17.4	22.9	17.1	26.4	31.9	31.7	30.7	27.7	26.9	26.1	24.4	15.7
15	15.7	22.6	18.3	26.0	30.2	31.2	30.9	27.4	26.2	26.3	24.9	16.7
16	13.7	23.0	17.5	25.4	31.1	29.4	31.3	26.5	26.5	26.4	25.6	17.5
17	15.5	23.5	18.3	25.0	30.5	27.1	30.3	26.3	24.4	26.9	21.4	17.2
18	18.7	23.6	19.6	25.8	30.0	24.4	27.3	26.8	22.8	28.1	16.2	16.3
19	21.5	24.9	21.0	26.6	32.6	24.8	27.2	27.6	23.4	27.5	18.0	17.2
20	23.0	21.9	22.7	26.8	31.4	26.5	27.3	27.7	24.6	28.2	19.0	16.1
21	23.3	19.3	22.2	26.6	31.2	28.0	27.7	28.3	25.8	27.9	20.4	17.1
22	22.1	16.4	23.3	26.7	32.1	28.7	27.5	28.9	26.8	26.8	20.7	17.1
23	21.3	17.4	24.1	27.4	32.6	29.4	24.4	28.5	27.3	26.5	20.2	17.5
24	22.5	18.1	24.7	27.1	31.1	29.3	25.6	30.5	27.6	26.8	16.5	18.4
25	23.0	19.1	24.7	26.6	30.7	29.4	28.9	31.2	27.4	27.4	14.7	19.4
26	23.0	18.9	24.9	26.7	29.6	30.0	28.9	31.0	27.5	24.6	15.2	21.1
27	23.0	16.1	25.8	26.5	23.4	29.9	28.9	29.6	28.2	20.8	15.8	19.8
28	24.2	16.6	25.0	26.8	25.5	30.2	29.4	28.2	28.5	22.0	15.6	15.7
29	23.9	-99.0	24.2	26.7	26.4	30.5	30.6	27.7	26.2	24.3	16.6	17.4
30	21.7	-99.0	20.5	26.6	25.6	30.4	30.0	27.9	24.9	25.3	16.2	18.3
31	18.0	-99.0	18.7	-99.0	24.8	-99.0	29.2	28.2	-99.0	25.5	-99.0	18.9
1970												
1	19.4	17.6	19.5	23.5	29.6	28.4	28.9	28.0	26.9	20.2	17.0	16.2
2	19.0	18.9	21.2	18.5	28.1	29.0	29.6	29.0	26.7	22.5	17.9	18.4
3	19.7	19.2	20.3	19.7	26.4	28.7	29.9	30.0	27.3	22.9	19.0	18.0
4	19.1	19.2	17.5	20.6	26.8	29.2	30.2	30.5	25.8	23.2	19.7	17.2
5	18.7	17.4	17.2	20.7	26.8	29.9	29.8	29.4	23.9	23.0	19.5	17.9
6	16.5	16.8	18.4	21.8	27.1	30.8	30.3	28.2	26.3	23.9	19.2	18.9
7	15.2	18.3	19.2	21.8	27.6	29.4	31.0	28.7	26.6	24.9	20.2	19.6
8	15.5	19.3	17.8	23.8	29.1	29.0	29.5	29.7	28.2	25.6	19.2	18.9
9	15.8	19.6	18.7	26.0	31.2	29.4	30.2	29.1	29.5	25.2	18.6	17.3
10	14.2	18.8	19.8	27.3	31.3	29.5	30.7	28.0	28.8	24.6	18.4	18.6
11	13.2	15.9	20.7	26.4	30.4	27.9	31.1	27.9	27.9	25.8	21.7	20.5
12	15.8	14.3	22.7	19.1	31.6	26.4	31.5	29.1	26.6	24.4	22.8	21.3
13	18.0	17.0	22.1	16.9	29.3	24.6	30.8	29.1	27.2	26.3	23.4	19.9
14	19.3	19.0	20.0	18.5	23.8	24.4	30.4	28.5	29.0	26.0	23.8	17.7
15	16.9	19.3	20.2	20.4	23.9	27.2	28.9	28.6	29.0	26.0	20.4	16.8
16	14.2	17.9	17.9	22.5	24.5	27.9	29.4	28.3	29.7	26.0	15.2	18.2
17	14.0	19.0	17.5	23.9	24.7	27.7	30.3	26.0	29.6	26.3	16.6	19.6
18	13.8	20.8	15.6	24.7	26.4	28.6	29.5	25.6	29.5	26.2	18.7	20.6
19	12.3	21.1	16.5	25.3	25.9	30.0	30.6	26.5	28.8	25.2	19.9	20.5
20	13.4	21.4	17.5	24.4	21.3	29.8	29.9	27.1	27.4	23.1	20.2	20.2
21	14.8	22.1	19.0	24.0	22.8	28.0	30.0	28.0	27.3	21.7	21.0	20.7
22	17.1	22.0	17.5	24.9	25.3	26.0	28.8	28.8	27.7	22.8	19.0	21.1
23	18.6	22.3	16.8	24.6	26.5	26.0	30.4	26.8	27.6	24.8	18.5	22.4
24	16.8	23.1	17.4	24.1	28.5	28.7	30.2	26.0	27.1	24.7	20.1	22.8
25	16.0	23.6	17.0	24.0	29.0	30.1	27.0	26.6	26.8	25.4	21.9	18.5
26	16.8	23.0	16.8	25.7	28.8	30.2	27.2	26.9	26.4	25.4	22.3	17.2
27	18.6	23.6	17.9	21.6	30.3	28.4	27.5	27.4	24.5	17.8	23.0	16.7
28	18.8	21.8	19.0	22.7	30.6	27.1	29.3	29.0	24.7	16.8	21.3	16.6
29	18.2	-99.0	20.5	25.4	29.3	27.3	29.8	30.2	20.8	18.2	18.0	16.5
30	14.9	-99.0	22.2	28.7	29.5	29.3	29.6	30.8	17.5	16.2	15.2	16.5
31	14.4	-99.0	24.0	-99.0	29.4	-99.0	28.2	28.1	-99.0	15.9	-99.0	14.3
1971												
1	14.7	10.8	23.8	23.3	26.4	28.8	30.1	30.0	27.0	27.4	20.9	16.8
2	15.1	11.9	24.4	27.0	25.8	29.4	30.1	29.7	27.2	26.6	22.2	17.5
3	14.6	12.4	21.9	26.0	26.2	28.2	29.6	31.0	27.8	26.3	23.6	17.6
4	13.3	13.7	20.8	24.7	26.2	29.9	28.1	30.7	29.0	26.7	24.6	19.2
5	12.7	14.0	21.0	25.2	24.2	30.6	26.8	30.0	30.1	25.1	24.0	20.7
6	13.0	12.6	21.2	24.5	20.6	29.5	26.3	28.9	29.8	24.6	23.9	21.7
7	15.1	11.5	20.8	24.1	22.2	29.2	24.4	29.2	29.4	23.8	23.4	21.7
8	14.3	12.0	18.6	24.8	23.9	29.2	28.3	28.7	28.0	22.3	23.4	19.2
9	15.5	13.9	16.1	22.6	26.1	29.5	29.0	27.8	28.2	18.7	23.4	15.8
10	14.2	15.8	18.0	21.7	27.7	29.5	29.5	28.6	29.8	19.4	22.8	16.7
11	14.8	17.6	18.9	22.2	28.5	30.6	28.6	28.6	30.6	22.2	22.4	17.8
12	17.1	18.7	16.8	23.8	24.9	30.6	25.0	28.2	30.0	21.4	21.8	18.0
13	17.9	19.3	17.2	23.7	25.2	29.6	24.9	26.5	28.7	22.0	20.0	18.0
14	19.3	18.6	15.7	23.4	27.3	28.2	26.1	27.5	27.6	21.0	20.0	18.9
15	18.9	14.4	15.7	23.5	27.6	28.0	26.4	27.8	26.5	21.6	16.7	19.4

16	19.9	14.7	17.0	23.7	28.8	25.0	27.5	28.0	25.4	21.7	16.4	17.8
17	21.9	17.1	18.4	24.7	29.3	27.1	25.0	28.2	26.4	23.0	16.9	18.1
18	20.7	18.0	18.2	24.5	29.9	29.2	24.3	27.7	26.0	22.6	16.8	18.8
19	20.5	20.2	19.8	24.6	27.8	29.8	27.2	27.4	25.8	23.6	17.6	17.9
20	19.6	20.8	20.7	24.2	24.7	27.6	28.8	26.2	25.0	25.0	17.7	16.1
21	19.2	20.7	22.1	24.8	25.7	27.8	29.8	25.3	23.4	25.0	17.4	15.2
22	15.2	21.1	21.8	25.6	27.2	27.6	29.7	26.1	23.3	24.4	18.2	16.5
23	15.4	22.0	19.0	26.7	28.6	27.6	29.1	26.9	24.7	23.9	18.2	18.6
24	16.1	21.6	17.6	26.7	27.6	28.2	29.0	27.4	25.4	23.8	18.2	20.8
25	14.5	21.8	18.3	26.8	24.6	28.5	28.4	27.2	26.2	21.9	18.1	21.4
26	13.0	22.7	19.9	26.4	26.4	29.2	29.4	27.0	25.8	20.3	18.4	19.3
27	14.1	22.8	20.6	26.5	27.4	28.9	29.4	26.7	26.0	18.0	19.6	15.2
28	14.9	23.1	21.2	25.2	27.6	28.6	28.0	26.2	26.2	17.8	20.4	14.6
29	12.9	-99.0	23.2	25.6	27.5	28.7	27.8	27.0	27.2	18.0	20.0	14.2
30	9.8	-99.0	23.5	25.9	28.4	29.4	28.6	27.0	24.5	20.2	16.8	15.9
31	9.6	-99.0	23.5	-99.0	28.0	-99.0	29.8	26.0	-99.0	20.4	-99.0	17.0

1972

1	15.8	21.3	14.8	20.0	29.0	26.1	26.6	28.4	27.0	26.9	25.1	16.8
2	17.1	21.5	15.0	20.2	26.6	27.4	26.9	27.4	26.7	25.7	25.1	17.1
3	18.0	21.6	15.2	19.8	27.7	27.1	29.5	28.6	26.5	23.6	25.1	18.0
4	19.0	21.4	15.2	20.0	30.0	25.3	30.8	27.6	28.0	21.8	25.6	19.0
5	19.5	19.2	15.9	20.9	30.0	27.6	30.5	26.1	26.5	23.9	24.0	19.4
6	16.6	18.4	17.4	22.5	29.6	26.7	29.6	25.9	24.4	25.2	22.5	20.2
7	13.7	16.8	20.2	24.2	30.0	28.0	28.5	27.4	25.6	26.0	21.7	20.4
8	13.5	14.0	21.0	20.2	28.4	28.1	28.8	28.9	25.1	26.5	22.3	19.5
9	14.3	10.0	20.6	19.0	30.9	26.2	29.8	28.9	25.5	27.3	23.4	19.8
10	13.2	10.4	21.6	17.4	31.2	26.6	31.8	29.4	26.1	26.6	22.3	20.9
11	15.0	12.6	21.0	18.1	29.9	27.9	31.2	28.4	26.8	24.7	21.5	22.6
12	14.9	16.4	17.9	19.4	30.4	30.0	31.0	28.0	27.0	24.4	22.8	20.4
13	15.3	18.0	18.0	21.3	29.0	30.2	30.7	28.0	27.4	25.1	23.6	13.3
14	15.2	18.5	20.8	23.9	27.6	30.9	30.4	28.5	27.5	26.3	23.8	12.4
15	14.0	19.8	21.2	24.6	28.3	31.0	26.7	28.1	26.3	26.6	24.8	14.7
16	14.3	20.6	21.3	26.4	28.2	31.7	24.3	28.9	27.5	26.3	23.6	17.0
17	15.8	21.6	23.0	28.5	29.1	31.7	24.9	28.1	27.4	26.8	19.4	19.3
18	17.0	21.1	23.8	27.2	30.2	30.4	28.4	28.4	28.2	26.5	19.0	21.0
19	18.3	20.8	23.4	28.8	28.2	29.8	29.7	28.6	27.4	27.2	19.9	21.6
20	18.0	20.8	22.8	27.0	24.7	29.5	29.7	27.7	27.8	27.7	20.8	21.8
21	18.7	20.4	22.6	26.6	27.6	30.2	29.8	27.8	27.4	27.6	19.1	22.0
22	17.6	20.5	23.1	25.7	30.1	31.6	30.0	27.8	27.4	24.2	19.5	22.0
23	17.9	19.9	24.3	24.1	30.9	30.8	30.6	26.8	28.3	20.8	20.6	20.0
24	18.4	20.1	24.1	21.7	30.3	30.0	30.8	27.0	26.3	22.0	19.5	19.5
25	19.3	22.4	22.6	20.1	29.4	28.9	30.1	27.7	22.3	23.3	20.8	20.6
26	18.2	18.9	19.6	20.8	26.3	28.4	27.8	28.8	24.0	23.1	21.0	22.2
27	17.9	14.6	20.6	22.7	28.7	29.4	26.7	28.6	26.1	24.1	17.4	22.0
28	17.9	12.8	20.8	23.4	29.5	31.0	25.1	25.8	26.9	22.8	17.2	20.7
29	19.0	-99.0	21.3	25.1	28.0	28.4	24.8	26.5	24.8	24.6	17.9	18.6
30	21.4	-99.0	22.4	27.3	27.0	27.6	27.9	27.9	26.2	24.8	17.3	15.4
31	22.1	-99.0	22.4	-99.0	23.7	-99.0	29.0	26.1	-99.0	24.8	-99.0	15.8

1973

1	17.0	19.0	24.0	26.2	29.2	29.7	28.8	28.4	23.9	27.0	21.4	18.0
2	13.4	19.2	23.6	26.5	28.1	30.9	29.7	28.1	25.0	26.7	24.7	17.8
3	14.0	19.7	23.9	25.4	28.9	30.8	30.4	28.2	26.6	27.0	20.4	19.2
4	14.4	21.8	23.9	22.2	25.1	30.8	29.9	27.7	28.2	27.4	21.8	21.0
5	14.5	22.0	23.8	21.1	26.4	26.7	28.5	27.6	28.4	28.1	22.3	19.8
6	15.0	23.0	23.6	23.7	27.8	25.1	26.6	27.0	28.7	26.6	20.5	18.1
7	15.6	22.4	22.2	27.6	30.5	26.9	26.2	27.3	28.5	26.3	20.6	19.3
8	16.4	20.8	23.8	30.4	30.3	26.9	24.6	27.8	28.3	25.1	21.8	16.4
9	16.4	18.6	24.0	27.0	27.8	28.4	27.8	26.5	28.3	24.5	23.7	18.7
10	18.4	20.4	24.8	26.8	25.6	29.1	27.9	27.8	28.0	24.0	24.2	19.7
11	16.3	21.8	25.0	28.1	27.9	30.2	26.9	26.8	27.4	24.5	23.2	20.7
12	16.0	21.7	25.0	22.9	29.0	29.3	26.9	28.4	28.1	25.1	16.9	21.3
13	17.4	21.5	24.2	23.2	30.1	30.2	27.0	29.2	25.3	24.2	17.2	18.3
14	18.1	17.5	24.1	25.0	30.9	29.5	27.9	29.8	25.9	20.6	19.0	18.8
15	20.2	16.6	21.8	26.8	31.0	30.1	28.8	30.2	27.6	19.3	20.6	19.7
16	20.8	18.9	19.1	27.6	30.6	30.4	28.3	30.9	25.9	19.7	19.9	18.1
17	18.4	21.5	18.8	26.0	31.2	30.4	28.2	30.2	26.2	22.6	20.7	17.4
18	17.0	22.7	19.0	21.6	31.3	31.6	29.9	28.9	24.9	23.2	20.5	16.9
19	17.0	23.8	20.0	22.3	32.0	31.6	30.9	27.5	24.8	23.4	20.6	17.2
20	18.1	20.3	22.8	23.6	32.2	31.8	31.8	29.0	23.8	24.8	19.6	18.6
21	19.8	20.6	23.7	26.0	30.8	32.7	32.0	28.2	24.8	24.8	19.3	20.0
22	19.9	21.9	23.0	27.9	29.6	32.8	31.4	25.4	25.1	23.0	18.4	18.2
23	21.1	22.3	23.2	27.3	28.1	33.1	31.4	27.6	25.5	24.0	19.5	15.6
24	18.8	22.4	22.7	27.0	28.0	32.3	29.9	25.4	24.2	22.7	18.3	17.0
25	19.6	23.6	21.7	24.8	27.6	32.4	29.9	26.8	24.8	21.4	18.7	15.2
26	20.2	26.0	21.2	25.9	29.7	32.2	30.2	27.8	25.3	21.8	18.3	13.6
27	20.7	27.5	20.4	26.9	30.0	30.9	30.5	28.9	24.9	19.4	17.8	13.7
28	19.3	26.0	22.1	27.3	27.8	30.9	30.0	27.0	25.6	21.1	18.1	13.8

29	17.4	-99.0	23.7	28.0	27.7	30.6	29.3	26.6	25.6	21.1	18.7	13.7
30	14.7	-99.0	24.5	28.8	28.9	29.8	29.3	28.2	26.6	21.4	19.5	13.7
31	17.2	-99.0	25.5	-99.0	30.4	-99.0	29.7	26.9	-99.0	21.6	-99.0	12.2
1974												
1	12.4	15.8	16.4	21.8	29.6	27.5	30.8	27.9	29.0	28.3	22.4	21.4
2	13.0	13.8	17.2	16.5	27.0	29.7	30.9	27.7	29.8	28.2	20.2	23.2
3	13.0	13.7	18.3	17.2	26.2	30.4	31.0	28.0	29.4	27.8	22.4	23.4
4	13.2	16.8	19.2	19.2	28.4	30.4	30.8	28.0	29.3	27.4	23.0	23.6
5	13.6	17.6	20.7	21.2	29.7	27.6	31.3	28.1	29.6	26.2	25.0	23.1
6	14.9	15.4	22.0	23.1	31.5	26.4	30.4	27.8	27.8	26.2	25.1	20.2
7	17.2	11.2	21.9	23.3	30.9	25.8	30.8	28.0	27.4	25.6	24.7	18.4
8	16.8	10.5	22.4	23.9	28.6	28.5	31.1	28.6	28.2	24.2	25.4	21.1
9	18.2	11.9	21.6	23.5	27.7	29.9	31.0	29.8	28.4	25.0	25.8	22.0
10	19.0	11.8	19.2	22.2	23.9	28.9	30.9	31.6	27.8	23.8	25.0	21.6
11	19.6	12.4	16.8	22.0	24.8	28.0	32.0	29.9	28.0	24.2	22.8	21.0
12	18.8	13.2	16.2	22.0	26.0	27.9	32.2	29.8	27.8	24.8	22.8	20.3
13	17.9	13.6	16.5	22.7	26.6	26.9	30.9	27.2	27.4	24.1	21.5	17.4
14	19.6	16.7	17.0	21.8	26.7	25.7	30.8	25.1	27.5	20.6	20.3	15.0
15	19.4	17.6	17.1	22.9	26.7	28.2	30.8	24.6	26.8	21.3	17.7	14.6
16	20.0	19.2	17.1	23.3	26.9	29.4	30.8	25.8	25.8	21.6	18.2	17.4
17	20.5	20.1	16.0	23.0	26.9	30.4	31.2	28.0	25.9	23.9	17.7	19.0
18	20.2	21.1	16.2	24.8	27.6	30.3	30.3	27.1	25.4	25.6	15.6	19.0
19	20.3	22.0	16.5	26.1	28.2	30.2	29.3	25.4	26.4	25.0	17.0	16.4
20	20.4	21.4	16.2	29.4	27.6	30.4	29.2	27.0	26.8	23.5	18.2	13.6
21	21.3	21.3	17.3	24.3	27.1	29.8	28.6	29.7	26.4	21.8	19.2	13.9
22	20.0	23.8	17.6	22.3	27.0	29.5	28.4	31.2	25.1	21.4	20.4	15.1
23	20.7	23.3	18.6	22.6	28.0	29.8	29.2	30.4	24.0	20.5	20.4	17.0
24	21.4	21.0	20.6	23.4	27.8	30.0	30.5	29.9	24.8	22.0	19.8	17.6
25	21.0	13.7	21.6	24.0	27.7	30.3	28.9	27.0	26.0	22.9	19.4	16.2
26	16.2	12.1	20.6	24.6	27.5	30.5	31.0	26.1	27.1	24.0	19.8	16.4
27	16.5	13.3	14.8	27.0	27.3	29.8	29.8	25.2	27.6	24.3	19.4	17.5
28	18.9	14.9	16.2	26.2	29.2	29.6	28.6	26.9	27.6	25.2	19.8	18.4
29	20.7	-99.0	18.7	23.6	31.1	29.9	28.7	27.2	28.0	23.9	19.8	19.2
30	20.6	-99.0	21.7	25.9	28.5	30.6	28.4	27.4	28.3	23.7	20.6	20.1
31	20.0	-99.0	21.3	-99.0	24.1	-99.0	28.9	28.2	-99.0	23.7	-99.0	20.6
1975												
1	20.7	21.1	20.9	19.3	28.1	26.2	31.2	30.3	27.4	25.7	18.9	19.4
2	19.0	21.9	22.4	18.8	28.6	27.5	31.4	28.4	27.5	25.0	20.6	20.4
3	17.2	21.9	22.7	18.4	27.3	28.9	32.1	27.9	25.9	25.2	20.2	21.9
4	15.8	22.6	23.4	20.8	27.9	30.1	31.6	29.1	26.7	26.0	21.8	23.4
5	15.7	22.7	23.4	23.0	27.4	30.2	30.4	29.0	26.8	26.8	20.6	23.9
6	14.6	22.8	23.6	23.8	27.1	30.1	30.1	30.0	26.8	27.7	19.1	23.2
7	16.3	22.6	22.8	28.0	27.1	30.1	29.8	29.9	24.5	27.2	19.7	23.9
8	18.1	19.8	21.3	24.9	29.0	30.6	29.8	31.0	27.0	24.8	21.6	23.2
9	18.4	16.8	23.2	25.2	30.1	30.8	29.8	28.9	26.0	24.4	23.5	21.6
10	17.3	16.8	22.6	27.5	30.1	30.3	29.2	25.7	25.6	25.8	23.8	17.2
11	15.8	15.9	22.5	26.7	27.6	30.4	28.2	24.5	26.2	25.3	24.5	12.2
12	14.4	17.2	22.9	25.4	28.0	29.1	26.8	26.8	27.2	26.3	25.0	10.5
13	15.3	17.8	24.1	24.6	27.9	28.3	27.9	27.7	27.2	26.9	21.1	10.4
14	17.6	19.3	21.6	25.4	26.3	27.2	28.2	28.1	26.8	26.0	18.8	9.1
15	18.6	20.1	17.6	25.8	29.0	27.9	28.6	29.4	27.0	24.7	17.8	10.0
16	17.9	17.3	16.7	25.9	30.4	28.0	27.2	29.3	26.8	22.2	18.5	10.5
17	17.1	17.1	17.5	25.4	31.4	23.8	28.8	27.5	26.9	19.6	21.2	11.4
18	16.5	16.6	18.6	24.2	29.8	25.3	29.0	29.8	27.0	19.0	22.4	12.2
19	15.4	16.0	20.2	25.3	30.3	25.5	28.3	28.3	27.3	21.3	22.0	14.1
20	16.2	14.7	19.6	25.8	30.8	28.6	27.3	28.8	25.6	22.0	22.0	15.4
21	17.2	16.8	20.6	26.4	31.1	28.3	27.8	28.0	26.8	22.6	22.2	15.2
22	15.3	16.8	22.2	26.2	29.0	29.4	29.4	28.6	25.9	22.3	20.9	13.0
23	16.8	17.2	22.0	26.7	26.8	30.9	28.6	28.6	27.1	23.6	18.8	12.7
24	18.6	19.4	21.5	27.0	28.2	30.4	30.2	28.8	27.9	23.2	14.5	13.0
25	19.3	21.1	23.1	27.4	29.9	29.8	30.6	25.7	28.1	22.1	14.3	14.0
26	18.9	22.5	23.7	29.4	29.5	27.1	31.2	26.0	28.1	23.6	14.8	15.7
27	18.6	21.0	24.4	30.6	28.0	28.8	29.7	26.3	27.9	24.4	15.5	16.6
28	18.6	21.1	25.6	31.1	28.4	29.8	30.5	25.9	27.7	24.7	17.0	15.2
29	17.1	-99.0	24.7	27.6	28.3	30.4	31.1	25.2	27.2	23.8	18.7	12.2
30	19.3	-99.0	21.7	27.8	26.3	30.4	31.4	25.2	26.8	19.5	20.4	11.9
31	20.3	-99.0	19.9	-99.0	24.5	-99.0	32.1	26.6	-99.0	18.9	-99.0	12.2
1976												
1	15.1	14.2	15.2	18.2	26.3	28.2	28.7	27.4	28.6	24.8	24.6	19.1
2	16.6	15.2	13.2	19.2	26.8	22.6	26.6	27.0	28.2	24.1	24.2	19.2
3	16.3	17.5	12.6	19.8	28.2	22.8	27.0	28.4	27.5	23.5	24.6	19.8
4	18.5	17.3	13.8	18.5	27.7	24.4	28.0	28.8	27.4	22.4	25.1	20.8
5	19.2	18.0	15.9	19.2	20.7	28.2	29.2	27.3	26.6	23.0	24.6	20.7
6	16.6	16.7	16.7	19.6	20.4	29.4	30.0	29.2	27.0	23.9	21.5	20.7
7	16.8	18.2	19.0	20.3	21.1	29.2	30.6	29.8	28.8	25.4	21.5	20.9
8	17.6	18.2	20.6	22.2	23.5	30.1	30.6	29.4	29.7	25.9	21.9	20.0
9	17.3	17.3	21.5	23.6	25.6	31.0	30.9	29.2	30.1	25.9	22.8	14.1

10	15.1	18.2	21.8	22.8	26.7	24.8	31.1	29.4	29.2	24.4	23.8	14.0
11	13.0	19.6	21.4	22.0	24.8	24.4	31.6	28.8	28.1	25.6	24.1	16.0
12	13.4	20.8	20.8	23.8	23.8	27.3	31.3	27.7	24.7	26.2	20.0	18.0
13	13.5	20.8	21.0	21.3	24.1	29.3	29.6	28.1	26.4	24.0	21.1	18.4
14	13.4	21.3	20.8	20.0	25.6	30.2	27.3	28.8	26.2	21.6	17.0	17.1
15	14.3	21.7	22.2	22.0	27.4	31.2	27.8	28.2	27.0	20.8	15.5	17.5
16	15.4	22.4	23.0	26.7	27.3	32.1	27.8	26.6	27.9	22.1	16.3	19.2
17	17.2	22.1	25.2	30.4	27.7	32.2	28.4	25.9	27.8	24.3	14.3	21.0
18	17.2	21.1	24.5	29.8	27.6	31.4	29.1	26.7	28.2	25.4	15.5	20.8
19	18.4	20.4	20.4	26.5	28.2	31.2	29.5	27.1	28.3	26.2	17.3	21.6
20	17.6	18.5	16.2	24.8	28.0	29.2	29.4	27.8	27.0	25.6	15.2	21.6
21	18.0	19.1	16.6	24.8	27.8	29.0	28.2	27.9	28.0	24.6	15.2	22.1
22	17.7	19.3	17.4	25.9	27.7	27.9	28.3	26.7	25.8	27.7	15.4	21.1
23	15.7	17.2	17.9	23.2	28.0	28.4	28.6	26.8	24.1	28.4	16.1	22.2
24	15.0	17.5	17.2	19.2	29.2	28.7	30.5	28.2	24.1	26.7	14.6	21.8
25	16.2	16.0	18.1	20.9	30.3	29.2	30.5	29.8	24.0	22.5	16.0	21.4
26	17.3	17.2	18.9	23.2	30.3	28.7	29.6	29.4	25.6	21.6	15.6	19.4
27	18.5	21.2	20.7	24.7	31.0	29.2	29.0	27.0	25.8	23.5	15.8	17.0
28	17.9	23.5	22.6	25.7	30.1	31.4	28.1	26.6	25.6	25.7	14.8	13.4
29	18.3	-99.0	23.9	27.2	29.5	31.8	27.0	25.5	26.2	23.2	16.1	11.5
30	16.2	-99.0	22.9	26.2	29.8	29.8	26.8	26.3	26.2	24.5	17.3	12.6
31	13.6	-99.0	19.0	-99.0	30.8	-99.0	27.6	28.0	-99.0	23.6	-99.0	13.4
1977												
1	13.4	11.9	21.9	18.7	25.6	28.8	31.2	30.2	27.3	25.8	23.8	15.6
2	14.4	11.6	20.8	19.0	25.8	30.8	31.5	30.5	27.5	26.5	20.8	16.8
3	12.7	10.7	17.6	19.8	25.8	30.4	30.4	30.9	26.5	26.8	20.6	17.2
4	11.4	11.4	15.2	20.8	25.8	31.3	30.3	30.8	25.4	26.8	19.8	17.6
5	12.6	13.0	14.3	22.2	24.7	31.0	27.2	29.3	27.2	27.0	22.3	17.1
6	13.9	14.2	15.2	23.2	25.6	31.5	28.9	26.9	26.7	26.8	23.7	18.4
7	15.1	14.4	17.1	23.6	26.6	31.5	29.8	28.0	25.5	25.2	23.9	20.5
8	15.2	13.8	17.8	23.7	25.6	32.2	30.9	29.1	26.4	21.2	23.5	18.8
9	15.0	12.7	19.9	23.1	25.8	32.0	31.8	31.3	27.1	22.0	21.7	19.4
10	13.1	13.2	20.0	21.0	25.8	31.4	32.5	31.7	27.8	24.3	20.9	19.3
11	15.1	12.1	21.2	21.4	26.8	28.6	33.1	31.9	27.4	23.6	21.0	19.7
12	16.2	14.8	21.1	22.3	26.4	27.6	32.3	31.3	27.4	22.1	18.3	20.5
13	13.9	17.2	19.9	23.9	27.1	29.7	31.9	32.4	26.8	24.2	18.6	20.0
14	12.8	17.7	20.7	26.8	28.3	30.4	30.1	32.7	26.0	25.0	20.0	19.1
15	12.6	14.9	22.0	26.3	29.0	32.0	28.3	32.8	26.0	25.8	18.8	19.8
16	15.5	12.8	22.0	25.6	30.6	32.7	27.7	26.4	27.0	24.6	17.8	20.5
17	17.7	11.9	22.1	24.8	31.0	32.8	28.4	26.2	27.5	24.2	17.2	21.7
18	17.6	13.7	22.2	21.5	31.6	31.8	28.8	25.2	26.9	24.9	18.4	21.5
19	17.4	14.8	21.6	19.4	30.5	32.4	29.0	25.6	26.5	25.6	19.0	21.7
20	17.3	16.9	21.5	21.2	29.8	32.2	29.6	25.7	27.3	23.9	19.6	22.4
21	17.4	13.4	21.4	21.5	30.4	32.5	26.0	27.5	25.6	23.0	18.8	22.0
22	16.9	12.3	21.4	23.9	28.2	30.2	28.6	28.2	23.9	23.8	20.4	22.0
23	14.8	14.2	21.5	24.6	27.3	30.4	28.5	28.6	24.3	24.2	20.5	22.2
24	15.0	16.3	16.2	25.4	28.0	31.0	30.7	28.5	25.6	24.1	20.8	22.7
25	17.9	17.8	16.0	25.0	29.3	31.7	31.4	27.6	26.3	24.6	22.3	21.1
26	18.2	18.7	18.8	25.8	28.4	31.2	31.9	27.6	25.2	25.0	23.1	17.4
27	20.4	19.6	21.0	29.4	27.9	32.5	32.1	28.8	23.6	24.5	19.4	17.8
28	20.3	20.8	22.2	26.6	29.8	31.9	31.6	29.2	23.5	25.0	18.9	20.3
29	20.3	-99.0	22.6	25.9	31.6	31.4	29.7	26.6	25.2	25.3	16.9	22.0
30	14.4	-99.0	20.5	26.1	32.1	30.6	31.0	27.1	26.2	25.4	16.6	23.7
31	12.8	-99.0	19.2	-99.0	31.6	-99.0	30.7	26.7	-99.0	25.0	-99.0	24.4
1978												
1	22.6	15.0	19.8	25.7	26.5	29.5	27.9	31.0	26.6	26.8	20.0	17.5
2	15.6	13.7	22.4	21.0	25.6	27.5	27.5	31.0	25.9	27.9	19.9	16.8
3	13.5	16.4	22.2	19.0	26.3	26.7	27.8	29.0	25.9	29.4	20.9	19.6
4	13.5	18.9	21.8	20.5	26.9	26.5	28.3	29.4	27.8	27.4	20.4	19.8
5	10.9	20.2	20.2	21.8	25.5	27.8	28.0	30.4	28.8	26.3	20.5	20.2
6	13.6	21.6	21.0	22.4	25.9	28.9	27.2	30.0	29.3	25.0	22.3	19.7
7	16.0	21.7	21.7	22.6	26.5	29.6	28.0	28.8	26.4	24.2	20.4	20.7
8	18.2	21.8	21.5	23.9	27.2	30.3	28.5	28.2	27.0	26.2	22.0	21.5
9	19.4	22.5	22.4	22.8	27.3	29.6	27.4	27.8	27.8	24.1	22.5	22.1
10	17.3	22.4	19.6	22.0	26.4	29.1	27.0	24.9	26.0	24.1	21.8	22.7
11	15.1	22.6	20.5	23.4	21.5	28.5	28.0	24.6	25.3	24.2	20.9	19.4
12	17.4	21.8	21.2	23.4	22.0	29.4	29.2	25.6	26.4	23.8	21.0	17.5
13	18.9	17.7	19.7	24.5	23.2	31.2	29.6	26.3	25.9	24.3	20.3	19.1
14	20.0	17.4	17.8	24.4	25.0	31.2	29.0	27.4	25.7	22.8	21.0	19.6
15	21.4	14.7	17.2	25.1	26.8	28.8	28.8	27.5	26.1	22.6	20.9	17.8
16	20.5	12.7	18.0	25.0	27.7	29.2	30.4	28.2	25.8	24.3	21.8	16.8
17	16.3	12.0	19.5	22.9	28.2	28.3	30.7	27.9	24.8	23.2	22.7	18.9
18	12.4	12.5	20.4	21.9	28.2	27.6	29.3	28.2	26.4	23.0	23.6	18.6
19	11.6	13.1	21.8	24.0	27.1	28.5	28.9	28.9	25.6	23.7	23.4	19.2
20	12.2	15.0	24.5	26.6	28.7	28.7	28.3	29.2	25.6	24.2	21.7	20.7
21	13.1	14.9	26.2	27.4	29.6	28.8	27.5	27.8	24.6	23.8	21.8	20.5
22	14.2	14.6	20.5	25.7	30.2	29.3	28.7	27.1	25.2	23.6	22.8	20.5

23	16.5	15.2	17.4	26.0	29.1	29.6	28.7	27.7	24.0	23.2	23.0	19.6
24	17.9	16.1	16.9	25.6	28.9	30.6	28.7	26.2	25.2	23.8	23.2	19.8
25	20.3	16.2	17.4	27.0	29.7	32.0	28.8	27.2	24.8	24.2	22.6	19.8
26	21.3	16.4	18.9	28.2	30.7	28.6	27.8	28.6	23.4	25.1	22.2	21.4
27	22.0	18.2	20.9	29.4	29.8	27.2	29.4	30.2	24.2	24.9	20.0	22.6
28	22.0	18.5	21.3	29.9	30.3	28.7	29.6	28.0	23.2	21.0	17.1	22.0
29	20.0	-99.0	22.7	27.1	29.2	30.0	29.7	28.7	24.6	19.2	16.1	20.8
30	18.0	-99.0	25.9	26.4	31.0	29.8	30.3	26.4	25.1	19.3	17.0	21.1
31	16.9	-99.0	27.6	-99.0	30.1	-99.0	31.0	27.5	-99.0	19.0	-99.0	20.2
1979												
1	20.8	12.7	17.2	30.8	27.5	28.8	30.3	29.9	26.6	24.5	22.8	17.6
2	22.2	14.8	18.4	25.6	23.8	28.7	30.8	28.9	25.9	24.9	22.4	16.2
3	20.2	16.6	19.1	19.0	23.8	28.2	29.7	28.9	25.9	24.6	22.4	17.8
4	20.0	16.6	20.2	17.7	25.9	28.9	30.5	28.1	27.8	25.4	23.7	20.4
5	21.7	16.9	21.1	18.6	27.8	28.9	30.8	25.1	28.8	23.6	23.9	21.8
6	21.8	16.0	23.2	21.4	29.2	29.1	29.8	26.8	29.3	23.7	23.5	21.3
7	18.2	17.8	24.0	22.2	29.0	26.9	30.9	26.6	26.4	23.3	22.2	20.8
8	16.6	19.8	23.3	22.1	26.8	28.0	31.3	25.0	27.0	23.2	22.3	20.6
9	19.0	21.2	24.4	21.6	26.3	27.9	30.8	26.2	27.8	23.4	23.1	20.5
10	20.9	21.7	26.8	21.1	27.8	29.4	29.9	25.5	26.0	23.8	22.9	20.4
11	22.2	21.8	27.0	22.2	28.0	26.2	30.2	27.3	25.3	23.8	22.9	19.6
12	23.4	22.2	28.0	23.9	30.0	25.8	30.8	29.8	26.4	23.5	23.2	19.8
13	22.7	22.7	24.8	22.9	31.7	24.9	31.1	29.9	25.9	24.1	21.0	19.9
14	22.1	23.0	20.3	21.2	32.2	26.6	31.6	30.1	25.7	24.2	17.2	17.8
15	19.4	21.0	18.8	23.3	28.5	27.8	33.4	30.4	26.1	23.9	19.2	17.6
16	16.4	20.6	20.3	24.6	23.9	28.5	32.2	28.7	25.8	23.8	20.6	18.2
17	19.1	20.5	19.4	25.5	23.6	28.5	32.4	28.5	24.8	23.8	22.1	18.6
18	20.1	22.4	18.9	26.4	20.7	27.9	31.9	28.1	26.4	23.7	19.4	19.1
19	18.2	21.5	20.2	25.7	21.6	28.0	31.8	28.9	25.6	23.4	16.0	20.0
20	18.8	23.4	19.1	24.7	22.3	27.8	32.1	29.7	25.6	23.4	18.2	20.4
21	18.6	28.7	19.2	24.2	24.7	28.3	31.1	30.5	24.6	24.1	19.8	21.1
22	18.6	27.1	20.1	25.1	26.1	27.6	30.3	31.1	25.2	23.7	17.1	22.2
23	18.9	25.8	20.7	26.4	26.8	27.6	28.2	30.6	24.0	22.2	16.2	21.4
24	18.8	28.0	19.3	27.1	25.7	27.5	28.8	29.0	25.2	23.6	16.0	19.3
25	17.0	27.0	19.2	27.1	27.5	28.5	30.9	28.2	24.8	24.6	17.0	18.4
26	17.3	20.5	20.1	26.4	30.3	28.8	30.1	27.8	23.4	23.5	17.9	16.3
27	19.0	18.4	20.6	26.0	31.6	29.9	28.9	29.0	24.2	21.7	17.2	17.2
28	21.2	18.4	23.0	26.8	32.5	29.7	28.8	28.9	23.2	22.5	16.8	17.3
29	20.8	-99.0	25.8	26.1	31.4	30.2	30.0	28.6	24.6	22.8	17.1	19.1
30	21.3	-99.0	28.2	26.1	28.0	30.9	31.4	27.8	25.1	22.5	18.5	20.1
31	14.9	-99.0	29.5	-99.0	27.6	-99.0	30.8	27.8	-99.0	22.8	-99.0	21.4
1980												
1	21.8	12.8	21.9	19.8	28.0	27.9	29.2	30.2	25.9	24.2	23.8	23.2
2	21.6	14.4	21.4	18.5	28.4	26.6	30.0	29.9	26.2	24.9	23.3	21.6
3	22.0	15.9	25.2	21.0	28.3	27.1	32.0	29.9	25.8	25.7	20.9	21.7
4	21.4	17.4	23.2	23.8	28.4	26.4	32.3	32.1	27.0	24.4	20.4	22.3
5	19.0	14.2	23.4	25.2	26.7	27.8	31.8	31.9	26.5	26.4	22.3	22.9
6	18.5	13.8	22.7	25.4	26.9	27.6	31.8	31.4	27.0	24.1	23.9	24.3
7	16.3	13.9	26.2	25.6	29.1	29.5	31.4	30.8	26.5	24.8	24.6	24.0
8	16.4	12.0	28.4	26.2	26.6	29.2	30.9	30.7	27.6	25.6	24.7	22.9
9	16.8	10.0	21.5	25.0	23.3	28.8	30.9	29.9	27.4	26.6	24.2	19.6
10	18.3	11.8	20.8	22.6	24.4	28.0	31.6	30.6	26.6	26.6	23.1	18.8
11	20.5	12.6	22.2	24.0	27.4	26.4	32.1	31.2	25.3	27.0	23.1	20.8
12	20.3	12.6	22.2	26.0	29.2	27.9	32.2	31.6	25.4	26.4	22.0	17.6
13	21.7	14.5	23.5	27.8	30.8	30.1	31.0	31.1	27.0	26.5	22.7	18.0
14	17.9	14.5	23.5	20.8	30.7	29.9	30.4	30.4	27.2	25.9	23.6	18.3
15	14.5	15.1	21.6	20.5	28.7	29.1	31.0	29.4	26.5	25.4	23.0	18.0
16	16.4	16.4	19.7	20.6	27.7	29.8	30.4	29.5	25.6	25.5	23.5	18.4
17	16.4	17.1	21.7	21.2	25.2	29.0	30.0	29.5	23.5	26.8	22.1	19.2
18	16.8	18.2	22.8	22.1	26.4	28.0	30.1	28.5	23.8	27.1	20.2	20.1
19	18.0	18.9	24.3	25.0	26.4	28.1	29.2	27.8	25.8	24.3	20.2	16.9
20	18.3	20.5	23.9	26.2	25.9	27.9	29.7	29.1	26.9	23.6	21.5	14.1
21	18.7	20.5	23.9	28.2	26.1	27.3	27.7	29.0	27.0	24.4	21.9	14.6
22	16.2	19.1	23.0	30.9	27.0	27.8	28.3	27.3	27.2	25.3	21.7	14.7
23	17.6	19.9	23.8	32.9	27.7	26.4	28.2	28.0	26.4	26.3	21.6	15.5
24	19.4	20.2	23.4	31.8	29.6	26.6	28.4	29.1	24.6	26.4	22.9	15.9
25	19.6	21.8	22.6	26.7	31.4	28.1	26.3	29.6	25.6	23.7	23.3	18.4
26	20.4	24.0	20.7	24.0	26.3	27.6	26.9	28.8	23.9	21.4	23.4	20.0
27	21.0	19.8	18.2	25.4	23.8	27.9	29.0	29.0	24.2	21.1	23.6	18.7
28	21.8	18.9	20.4	27.0	26.6	28.8	30.5	29.4	23.8	18.5	23.2	16.6
29	22.0	-99.0	22.1	28.8	30.1	29.4	29.8	29.7	23.8	18.4	23.0	15.0
30	17.7	-99.0	24.1	28.0	31.0	29.0	30.1	25.2	25.2	19.8	22.7	16.6
31	12.9	-99.0	25.8	-99.0	32.0	-99.0	30.0	24.8	-99.0	22.1	-99.0	17.2
1981												
1	17.5	21.6	19.9	24.8	27.4	30.0	29.3	29.8	29.6	29.7	23.8	17.0
2	16.1	19.1	19.8	25.4	27.0	28.2	30.2	29.9	29.6	28.5	24.4	13.8
3	16.2	20.6	21.4	26.2	25.6	28.9	27.3	29.2	29.6	26.4	24.6	14.0

4	16.6	18.6	21.4	26.7	19.6	30.0	25.3	27.4	29.4	26.4	24.4	16.2
5	18.4	18.5	18.2	27.6	21.4	28.5	25.4	27.9	28.6	26.6	26.0	17.7
6	20.3	19.6	19.0	27.8	23.3	27.3	27.4	28.7	27.6	26.4	24.9	17.6
7	20.9	16.4	18.1	27.2	25.2	28.1	27.6	29.8	28.3	26.1	17.4	16.5
8	20.3	18.1	19.6	27.2	26.8	27.8	29.0	30.8	28.1	27.3	14.7	15.2
9	20.3	19.6	19.0	26.2	28.8	27.6	29.7	29.4	28.4	22.2	12.3	17.6
10	18.1	19.8	19.1	25.7	29.7	27.6	29.3	27.7	27.4	19.7	13.9	17.1
11	14.0	20.1	20.4	26.0	31.3	29.1	29.6	29.2	27.7	20.7	19.1	17.6
12	13.4	21.6	22.8	25.1	30.1	26.0	29.9	29.4	28.2	20.7	19.2	19.0
13	14.9	22.3	23.2	24.0	29.2	24.3	29.5	30.1	28.3	23.7	20.1	19.4
14	15.7	23.3	24.1	24.3	30.7	26.8	28.6	30.0	27.7	25.0	20.8	19.4
15	15.6	24.4	23.2	25.1	28.3	28.3	28.3	29.1	25.2	25.1	22.2	16.7
16	16.6	21.5	23.5	26.2	24.9	28.2	28.2	28.7	24.3	24.1	20.9	15.9
17	17.2	21.6	25.6	26.1	25.6	28.4	28.7	29.4	23.3	26.4	19.9	15.7
18	17.6	22.1	27.2	27.1	26.4	26.6	28.1	28.8	23.2	26.9	19.8	13.9
19	18.8	21.4	25.0	27.6	26.8	27.9	27.4	26.2	25.3	27.3	23.0	12.4
20	18.6	20.2	23.2	26.2	27.0	28.8	26.6	26.8	25.2	27.4	23.1	13.0
21	19.6	19.3	23.5	24.8	21.2	30.2	27.2	29.6	27.0	27.6	22.6	13.2
22	19.6	23.1	25.2	26.3	22.2	30.1	28.6	30.3	27.0	27.5	23.6	15.8
23	20.7	24.4	27.5	26.8	23.8	29.5	29.2	31.0	26.7	20.4	24.9	16.2
24	20.2	23.0	26.9	27.3	25.8	29.1	29.0	31.5	27.6	18.0	23.8	15.0
25	20.1	20.4	25.4	27.5	26.9	29.2	29.0	32.1	26.3	20.0	23.8	16.2
26	19.7	16.6	24.8	26.0	27.7	30.6	30.6	29.7	26.2	20.0	22.6	17.6
27	19.6	15.9	24.8	26.0	29.6	30.3	29.5	28.3	27.1	20.5	22.6	18.1
28	18.0	17.9	24.4	27.8	30.4	29.7	30.3	29.2	26.2	21.6	19.7	18.5
29	18.6	-99.0	25.0	26.8	30.4	30.0	29.7	29.5	27.3	20.7	17.6	20.3
30	20.7	-99.0	24.9	27.2	30.8	29.7	28.9	29.4	28.9	22.1	17.6	21.3
31	21.8	-99.0	25.3	-99.0	30.3	-99.0	29.4	29.7	-99.0	23.4	-99.0	20.8
1982												
1	18.1	19.2	17.2	23.6	26.6	32.4	30.3	30.2	29.5	26.6	25.1	18.0
2	19.9	19.9	18.4	25.0	26.0	32.1	30.4	30.2	28.0	26.8	24.1	20.8
3	20.2	19.9	18.7	23.0	25.9	29.9	31.0	32.3	25.5	26.2	22.7	21.8
4	20.6	22.2	20.4	17.8	26.6	27.8	30.4	30.6	24.9	26.6	23.6	22.0
5	18.5	22.0	21.6	18.4	27.4	28.7	30.7	30.1	24.8	25.3	24.4	23.6
6	18.6	21.4	22.6	19.3	28.0	29.2	30.5	29.9	24.9	25.8	25.1	19.2
7	16.3	18.6	22.7	19.8	24.6	24.9	30.2	29.4	27.2	26.5	24.0	16.2
8	15.8	16.8	20.0	19.5	26.2	26.0	31.0	29.6	27.0	26.4	24.4	18.1
9	15.3	16.3	17.1	19.1	30.2	27.6	30.1	29.0	27.4	25.2	23.1	19.6
10	16.5	14.6	17.8	19.2	31.6	27.8	30.4	28.3	27.2	24.7	21.1	22.4
11	17.9	12.8	19.4	21.0	33.1	28.5	30.8	28.1	27.5	25.4	20.3	19.3
12	20.2	14.4	20.5	22.2	32.3	28.2	30.6	28.4	28.1	24.3	22.4	15.3
13	20.0	15.0	21.7	22.9	28.6	29.9	31.2	29.5	28.4	23.6	24.0	14.3
14	18.7	13.3	22.7	21.7	21.8	30.6	29.2	27.8	26.6	24.2	25.0	13.5
15	19.2	12.3	22.8	20.5	22.8	30.6	28.2	29.2	26.9	25.2	24.6	16.2
16	19.3	12.2	23.2	22.3	23.8	31.0	28.5	29.6	26.4	25.0	24.1	16.5
17	14.3	14.5	23.5	23.9	25.6	31.8	28.4	30.7	26.6	24.1	22.7	15.0
18	13.1	17.7	23.3	24.1	26.9	31.4	29.7	29.2	27.6	22.6	22.9	13.8
19	15.9	19.1	23.0	23.8	27.1	31.8	28.5	28.3	27.9	23.2	23.8	13.3
20	16.6	20.2	23.8	25.2	27.4	32.0	29.1	28.3	28.6	24.2	22.8	13.0
21	19.4	20.4	23.5	25.5	27.2	32.0	28.8	27.8	27.2	24.8	24.4	14.2
22	20.4	21.2	23.3	26.8	27.4	31.8	30.1	28.9	27.6	24.5	24.9	13.7
23	20.1	21.2	24.5	25.6	27.4	29.4	30.6	28.7	27.3	24.9	24.6	16.4
24	19.8	20.5	24.3	25.1	27.5	27.5	31.4	27.8	26.5	25.6	24.1	17.6
25	20.3	18.6	24.0	26.3	27.4	27.3	31.4	28.7	26.4	23.6	21.9	18.4
26	20.0	18.7	22.7	26.7	27.5	27.8	30.9	28.9	25.9	24.2	20.4	13.6
27	18.5	17.6	19.1	29.0	28.6	27.3	31.2	29.4	25.9	26.0	21.0	13.1
28	18.8	17.4	18.1	28.6	29.2	27.4	31.2	30.4	25.2	26.3	22.7	12.1
29	20.2	-99.0	19.0	28.0	28.5	27.4	30.6	30.3	24.9	26.0	18.4	13.7
30	20.4	-99.0	19.7	30.8	30.6	28.6	30.7	30.1	26.0	25.3	16.8	15.4
31	19.4	-99.0	21.2	-99.0	31.5	-99.0	29.0	29.8	-99.0	25.1	-99.0	16.6
1983												
1	17.7	23.6	19.3	17.6	22.9	32.2	32.2	28.0	27.5	27.3	20.8	16.6
2	19.3	21.5	18.8	18.5	23.2	32.5	32.7	26.7	28.1	25.0	23.0	17.0
3	17.8	18.4	19.8	18.8	24.4	32.0	32.6	28.0	27.0	24.3	23.6	17.4
4	17.7	16.8	17.2	19.3	25.9	32.8	32.5	28.0	27.0	26.4	23.5	15.9
5	16.4	16.3	14.4	20.1	25.0	32.9	33.3	27.4	27.7	28.0	22.8	17.3
6	16.3	17.0	13.8	20.8	25.7	24.4	32.5	26.8	28.0	27.8	22.8	18.0
7	17.6	17.4	14.5	22.5	26.8	23.5	33.1	26.4	27.7	27.6	23.7	17.8
8	17.5	17.2	15.4	23.7	27.1	25.1	32.0	27.1	27.8	25.6	23.4	18.4
9	15.7	18.4	16.5	24.8	27.8	26.8	31.3	27.4	29.3	24.2	24.0	16.9
10	15.1	19.2	17.0	27.2	28.6	28.2	30.4	27.9	30.7	24.6	24.2	18.1
11	14.4	17.8	18.9	29.0	31.1	29.0	30.3	28.4	29.0	25.2	24.5	19.8
12	13.5	15.7	19.4	26.6	31.8	29.3	30.1	28.9	27.2	25.0	23.2	19.0
13	12.8	15.1	19.0	28.7	32.0	29.1	30.8	29.3	26.6	25.0	21.6	19.8
14	13.8	15.8	17.9	27.6	31.4	29.3	31.3	29.2	27.4	25.2	20.4	20.5
15	15.7	17.6	18.9	25.8	30.4	31.4	31.4	29.5	28.0	25.1	19.4	20.5
16	17.0	17.4	17.4	22.4	26.0	32.4	29.1	29.0	29.6	24.8	19.3	20.8

17	18.8	16.9	16.0	20.5	25.0	33.2	29.0	29.0	29.9	26.0	21.5	20.7
18	18.8	16.9	16.2	22.3	26.6	33.7	26.6	29.7	30.2	26.1	19.6	21.4
19	15.8	18.3	16.9	23.3	29.0	33.8	28.6	27.3	28.4	26.2	19.8	20.2
20	11.2	18.3	19.9	24.5	31.6	33.8	29.8	26.9	27.6	26.0	20.8	22.1
21	10.6	15.6	25.4	25.0	33.0	32.9	30.5	28.6	28.0	26.6	19.6	21.0
22	9.0	15.3	29.4	23.6	30.3	30.4	30.7	30.2	27.6	26.4	19.8	21.4
23	10.2	16.2	26.7	24.2	30.0	27.8	30.1	30.6	27.9	25.2	18.8	17.4
24	11.2	16.6	25.4	24.4	32.4	28.3	30.1	30.2	26.5	25.6	17.5	14.1
25	12.3	16.3	19.4	25.2	31.6	28.6	30.8	27.0	27.8	24.2	17.8	12.8
26	13.6	16.5	18.6	25.2	29.5	26.8	31.7	25.5	28.0	21.6	18.3	13.0
27	15.4	16.7	18.8	25.1	28.6	28.4	30.8	28.3	28.2	18.6	19.4	13.1
28	16.4	17.2	18.6	26.0	30.0	28.8	29.5	29.0	25.7	19.4	16.1	12.0
29	19.5	-99.0	18.1	26.1	29.8	29.2	30.5	28.0	24.6	19.5	15.3	9.8
30	20.3	-99.0	17.1	22.8	31.0	31.2	30.3	28.6	26.0	18.9	16.3	10.8
31	20.1	-99.0	16.9	-99.0	31.7	-99.0	29.3	27.3	-99.0	18.6	-99.0	11.2
1984												
1	11.2	12.2	12.4	22.6	25.4	31.0	30.4	27.6	28.6	26.1	22.0	17.7
2	14.2	14.0	13.8	23.7	27.6	27.8	30.2	28.1	27.1	25.8	20.5	17.8
3	14.0	14.7	13.8	27.9	28.6	27.2	30.2	28.7	26.4	27.1	21.7	19.7
4	13.3	14.9	16.7	32.8	27.0	30.1	30.0	27.3	26.8	26.4	22.3	19.8
5	13.2	15.7	17.2	31.1	24.0	30.0	29.6	26.7	25.4	25.7	23.2	18.0
6	13.8	13.0	17.2	22.9	23.3	30.0	30.2	27.4	26.6	24.0	23.6	17.2
7	14.3	12.3	17.4	23.5	22.2	29.2	30.0	26.8	27.2	22.3	23.7	19.6
8	13.9	12.3	16.0	24.3	22.8	28.4	29.1	27.0	27.9	25.0	24.3	21.6
9	13.4	13.9	16.2	24.4	24.2	28.0	29.6	28.0	27.3	25.7	25.9	22.0
10	13.2	15.1	16.0	24.1	25.9	27.3	29.2	27.9	27.7	26.4	26.1	21.6
11	14.8	15.6	16.9	25.0	27.2	26.9	28.5	26.8	28.4	27.3	25.8	21.9
12	15.6	16.2	18.4	25.0	27.8	29.3	28.7	27.4	27.2	26.2	25.6	21.6
13	17.3	16.8	20.6	23.4	28.3	31.0	28.5	26.6	26.5	24.2	25.2	21.8
14	17.8	16.2	22.0	24.8	26.8	31.6	27.6	25.6	25.6	21.6	24.6	22.0
15	18.1	16.0	22.6	25.7	29.2	32.1	29.0	25.5	25.0	22.5	24.3	22.7
16	19.2	17.3	20.7	26.0	29.0	30.5	29.2	25.4	26.9	24.1	23.7	23.7
17	20.2	18.2	21.8	25.8	28.8	31.2	30.1	27.8	27.2	23.6	23.6	23.4
18	19.6	15.2	22.6	26.9	29.5	30.6	31.7	28.2	26.7	20.2	22.4	23.1
19	19.2	15.3	22.8	25.8	28.8	30.1	32.1	27.8	26.1	21.2	22.4	19.7
20	16.6	17.0	20.2	26.3	27.6	29.0	32.0	29.0	26.2	23.4	21.5	16.7
21	14.0	19.0	17.3	27.0	28.0	28.4	31.2	29.9	26.8	21.9	21.4	16.4
22	11.0	19.8	17.1	22.6	26.6	28.7	31.0	30.2	25.2	22.0	21.2	12.9
23	13.0	19.9	17.2	22.2	26.8	30.4	31.0	30.5	25.8	22.0	20.6	11.8
24	13.8	19.1	18.0	23.2	27.3	30.8	31.9	30.8	26.7	22.4	20.5	11.0
25	13.8	18.6	19.5	24.3	26.2	30.2	31.5	29.9	27.3	22.6	19.5	12.2
26	11.4	15.7	21.4	25.8	25.3	26.8	31.3	29.0	27.5	22.2	20.2	13.6
27	12.7	14.6	22.5	27.4	26.2	29.4	31.1	29.0	26.8	21.4	19.1	13.6
28	13.9	14.1	19.6	24.1	27.2	29.4	30.0	29.0	25.1	21.7	18.3	12.7
29	15.0	-99.0	19.2	23.0	28.6	29.8	28.8	27.1	24.2	21.8	17.6	10.3
30	14.6	-99.0	20.0	23.8	30.3	30.0	26.0	28.4	25.3	21.6	17.7	11.8
31	13.0	-99.0	21.7	-99.0	30.8	-99.0	26.4	27.4	-99.0	22.3	-99.0	15.0
1985												
1	16.4	15.5	18.9	16.6	23.6	28.5	30.2	29.5	28.2	22.5	20.3	17.3
2	17.9	16.2	21.4	17.4	25.4	30.2	30.3	29.4	27.4	20.7	21.3	17.8
3	19.3	17.1	21.4	17.5	27.0	30.8	30.6	29.4	26.4	23.5	22.2	20.1
4	18.3	18.7	17.2	19.2	30.2	31.0	30.3	28.2	28.0	23.9	21.8	21.0
5	16.0	21.4	16.0	20.2	30.7	30.3	30.2	30.4	29.2	23.6	23.2	21.8
6	17.0	21.0	18.0	21.2	29.7	30.4	30.0	30.0	29.2	23.5	23.8	21.3
7	18.0	21.0	20.1	21.4	28.3	31.6	28.5	30.6	30.4	23.4	24.1	21.7
8	16.0	22.1	22.0	20.7	27.2	33.4	29.3	28.4	30.0	24.4	24.2	22.4
9	15.4	20.3	20.3	23.4	26.8	32.4	29.8	28.3	27.0	24.6	21.6	22.4
10	13.4	18.6	16.9	24.7	26.7	32.0	29.0	29.1	24.3	25.9	20.3	23.0
11	14.0	17.6	15.6	23.6	26.0	31.6	27.9	29.3	25.7	26.1	22.1	20.0
12	15.2	17.8	14.1	23.4	26.7	30.0	27.3	28.4	25.6	26.6	22.8	14.6
13	14.1	17.6	14.2	22.1	28.1	27.5	28.0	28.9	24.0	26.6	22.3	15.7
14	13.4	18.4	14.2	19.0	27.4	25.8	28.8	28.7	26.2	25.8	21.5	16.2
15	14.5	19.8	14.2	19.3	27.4	26.6	29.0	28.3	25.6	26.2	22.5	14.6
16	15.3	21.0	14.5	20.1	27.4	27.0	29.2	29.4	26.8	25.8	20.2	15.2
17	16.2	22.4	15.7	21.7	26.5	26.8	28.6	30.5	26.8	26.2	19.6	15.4
18	15.8	20.3	16.1	22.2	26.6	26.8	28.9	30.8	26.4	26.1	20.6	17.6
19	16.6	19.4	15.8	22.1	26.5	25.2	29.3	30.8	26.8	25.4	21.1	17.1
20	17.6	18.0	16.1	22.8	26.6	24.4	29.5	30.4	25.3	25.4	22.3	17.0
21	18.7	16.4	15.5	23.6	26.7	24.7	29.8	29.5	25.5	20.4	24.3	16.4
22	18.5	15.2	15.7	23.6	27.5	28.0	29.6	29.1	26.7	19.5	24.6	15.4
23	20.0	15.0	16.9	24.6	27.8	29.6	27.9	28.0	26.2	20.4	25.3	15.2
24	20.0	15.2	18.3	25.7	27.4	30.2	28.5	27.8	23.0	22.4	22.1	15.4
25	16.4	17.0	19.0	26.6	27.9	30.6	30.1	29.2	22.7	24.2	17.9	16.9
26	14.7	17.6	21.2	24.1	29.5	31.0	31.0	28.6	22.8	24.7	20.4	17.6
27	16.1	16.8	23.4	19.8	30.6	30.4	30.6	28.4	25.1	25.4	22.3	19.3
28	17.2	17.1	27.4	21.1	31.7	30.0	29.8	27.3	24.2	25.1	23.6	19.5
29	16.0	-99.0	23.1	22.2	30.7	29.2	28.4	29.1	25.2	25.6	23.0	18.9



30	12.2	-99.0	17.0	23.1	30.6	29.1	27.5	28.4	24.2	25.2	17.5	20.0
31	14.6	-99.0	16.3	-99.0	30.5	-99.0	28.0	29.3	-99.0	22.1	-99.0	21.1
1986												
1	14.4	21.6	10.6	20.3	25.9	31.4	32.4	29.5	30.0	19.4	22.4	16.6
2	14.4	21.4	10.7	22.0	24.4	31.0	33.4	29.1	29.7	19.6	22.6	17.2
3	16.8	19.5	12.3	22.3	23.8	28.9	33.2	28.9	29.4	22.2	22.8	17.0
4	14.8	16.2	12.8	23.1	24.6	29.1	32.2	28.6	28.2	24.1	23.4	15.8
5	15.7	17.4	13.7	23.6	26.4	29.9	31.1	29.0	27.3	24.6	23.2	17.5
6	12.9	15.9	15.9	23.6	24.4	30.0	30.9	29.0	25.8	24.0	24.1	19.5
7	14.4	14.5	17.4	22.3	24.1	30.6	30.6	28.2	27.0	24.8	24.3	19.1
8	14.5	13.8	19.1	22.7	25.5	30.4	31.0	26.5	26.7	25.4	21.9	17.1
9	15.0	15.6	19.6	23.4	25.4	30.6	29.5	26.6	26.3	26.0	19.0	17.2
10	16.4	15.6	20.2	24.8	26.2	31.2	28.1	25.4	26.1	24.8	19.0	17.5
11	16.2	15.6	21.0	25.2	27.4	30.9	29.4	24.4	25.4	22.0	20.6	17.2
12	17.1	18.8	21.9	25.8	29.2	27.6	29.8	28.2	27.5	21.4	20.0	18.3
13	17.7	19.6	22.3	26.0	30.4	28.2	30.0	29.6	28.6	21.3	21.0	19.5
14	18.7	20.3	22.9	25.3	29.9	29.4	30.9	29.0	28.0	23.4	22.0	21.2
15	19.1	21.0	25.7	24.3	27.6	29.8	30.1	28.2	27.8	24.6	22.8	21.8
16	18.9	21.8	25.6	22.7	26.7	31.5	29.7	27.9	27.7	25.8	21.4	21.6
17	20.2	22.6	28.6	24.8	26.4	30.9	30.7	28.3	27.8	26.3	20.8	21.4
18	20.6	20.7	27.5	26.2	27.1	30.4	30.4	28.9	26.9	26.6	21.7	21.0
19	21.3	17.7	22.0	27.0	26.8	29.0	29.6	29.0	26.5	26.0	20.4	17.3
20	21.3	16.8	21.8	27.3	29.4	29.4	28.0	29.0	25.7	25.6	19.5	17.9
21	20.7	16.6	22.0	26.4	28.4	29.5	27.8	30.6	25.4	25.6	19.5	18.4
22	20.2	16.7	20.3	23.6	23.9	29.1	27.3	28.7	25.0	26.0	21.5	15.9
23	20.4	18.9	19.6	24.6	26.2	27.8	27.8	28.3	25.8	25.0	19.4	18.0
24	21.1	16.8	18.4	25.5	26.0	29.3	29.5	28.9	25.3	24.2	20.5	18.7
25	19.7	16.6	18.8	26.6	27.6	29.6	29.3	27.2	25.4	24.6	21.0	20.0
26	14.9	16.9	19.3	26.4	28.5	30.0	29.6	26.0	25.7	26.0	18.2	20.1
27	14.6	16.2	19.6	26.0	27.8	31.1	29.5	27.4	25.6	27.2	16.8	20.4
28	16.0	14.3	21.0	25.0	28.6	32.3	28.9	28.7	26.4	26.4	17.5	19.8
29	18.8	-99.0	23.3	25.7	29.0	32.2	29.0	29.3	26.2	24.7	20.0	18.9
30	19.5	-99.0	24.0	26.1	31.0	32.1	28.4	30.1	26.2	19.9	17.2	20.2
31	20.2	-99.0	21.0	-99.0	31.5	-99.0	29.1	30.6	-99.0	20.6	-99.0	21.6
1987												
1	21.6	19.1	16.0	24.5	28.2	29.1	32.1	29.6	29.4	24.3	26.4	14.8
2	22.4	19.7	16.5	25.1	29.8	26.3	31.6	31.2	28.7	26.0	26.4	13.8
3	22.1	19.2	16.2	19.8	30.9	28.0	30.0	30.4	29.0	26.4	21.2	14.6
4	22.0	16.7	18.8	21.4	28.0	29.9	29.4	30.0	28.1	26.8	19.2	15.8
5	20.1	17.1	21.4	25.8	27.6	30.0	29.0	30.1	28.4	27.6	19.7	16.0
6	19.6	19.1	23.7	26.8	29.1	30.5	29.5	31.0	28.8	27.6	20.4	16.3
7	20.7	18.4	24.7	22.6	29.4	28.7	30.1	31.2	27.0	25.2	19.4	14.8
8	20.0	18.7	26.8	21.8	29.2	24.2	30.4	29.5	27.2	25.8	17.6	13.5
9	19.0	19.0	27.3	23.2	28.0	25.8	30.9	28.7	26.2	26.8	19.9	14.2
10	19.6	20.3	25.9	26.2	26.2	28.2	31.0	27.7	27.6	27.1	21.6	17.0
11	21.0	22.3	24.6	27.5	26.4	30.4	31.0	27.8	27.6	27.8	23.0	17.2
12	20.4	22.8	24.8	27.9	27.2	30.5	31.8	28.1	27.1	28.9	23.0	18.4
13	19.0	22.1	25.2	22.1	27.8	31.2	31.4	28.2	25.1	28.3	24.4	19.6
14	17.9	23.3	25.8	19.6	27.8	31.6	28.9	29.0	26.3	28.0	24.6	19.2
15	19.2	22.5	25.6	18.9	28.7	29.7	29.5	28.2	26.7	28.1	26.0	16.3
16	20.1	21.7	25.0	19.6	31.8	26.1	30.0	25.7	26.4	27.8	25.0	17.0
17	20.2	22.1	27.1	20.7	28.2	27.7	29.6	26.7	27.2	28.0	25.5	15.1
18	20.3	23.5	27.7	22.3	27.4	28.9	30.6	28.0	26.8	28.2	21.0	14.4
19	20.5	23.1	25.9	24.9	29.2	28.8	31.4	28.8	26.3	25.9	20.2	15.2
20	20.9	23.7	25.6	26.0	32.4	29.7	32.6	29.6	25.9	25.5	21.2	16.0
21	21.1	21.9	26.5	26.8	32.6	29.7	32.4	27.6	26.7	27.9	22.2	16.8
22	22.0	22.2	26.9	26.0	34.3	30.8	31.8	25.5	27.1	26.2	23.1	15.9
23	21.8	22.6	29.0	27.2	32.0	31.0	28.6	26.6	25.7	20.9	22.9	16.6
24	20.8	23.5	30.2	27.3	32.6	32.8	28.2	28.9	26.6	21.0	24.2	16.1
25	17.5	20.8	24.9	27.9	33.0	33.0	29.7	29.7	27.0	21.2	24.2	18.0
26	12.3	22.4	19.4	26.4	32.7	33.2	30.4	30.1	22.4	20.8	24.8	18.5
27	12.6	20.6	19.9	25.0	31.3	32.3	31.5	30.3	23.6	21.7	25.3	19.2
28	13.3	16.8	21.2	24.2	27.6	32.0	32.0	31.1	24.7	22.8	23.5	19.7
29	17.2	-99.0	22.2	25.9	25.4	31.6	29.6	31.1	26.2	24.4	17.5	20.6
30	18.8	-99.0	22.8	26.5	26.7	31.8	30.2	30.6	26.8	25.6	14.3	20.4
31	19.6	-99.0	25.2	-99.0	28.8	-99.0	29.4	29.3	-99.0	25.9	-99.0	19.8
1988												
1	19.0	22.2	16.6	18.5	26.8	26.8	30.7	27.2	31.1	22.7	19.8	17.6
2	19.2	20.5	15.3	18.7	26.7	27.6	30.7	25.8	31.4	22.8	20.5	17.6
3	20.6	18.8	14.0	18.8	27.0	27.9	28.1	27.8	32.1	22.5	21.5	18.6
4	21.2	19.2	13.9	19.5	29.1	27.2	27.2	29.4	30.6	23.0	20.7	18.5
5	20.6	20.9	13.3	20.6	29.0	25.4	28.9	30.4	28.4	24.0	20.2	19.6
6	16.8	21.0	13.5	21.8	29.5	26.9	29.8	28.3	29.6	25.2	19.6	19.0
7	19.2	21.6	12.8	20.6	29.6	26.6	30.2	27.1	29.7	25.7	19.8	21.3
8	19.6	19.9	12.8	17.0	29.2	27.6	31.2	27.6	29.6	25.3	20.0	21.4
9	19.4	17.2	14.0	18.6	30.1	30.0	32.0	28.1	29.0	23.5	19.8	18.9
10	18.9	16.9	16.6	18.8	28.2	31.7	31.8	27.8	28.0	23.9	20.1	14.6

11	19.1	15.8	19.7	20.1	27.8	31.4	29.9	28.8	28.5	22.3	20.8	15.8
12	18.4	16.4	21.0	20.2	27.2	31.2	29.4	29.4	28.8	23.7	19.5	15.8
13	18.1	18.8	22.4	21.2	26.0	30.0	28.5	28.9	28.6	24.4	18.5	16.8
14	19.4	19.4	26.2	21.0	26.5	30.0	28.9	29.1	28.3	25.4	20.6	18.7
15	20.6	17.9	26.4	20.6	24.9	30.4	28.7	29.9	26.0	25.8	20.8	19.6
16	20.1	18.0	24.8	21.7	25.6	29.9	29.3	29.2	24.7	25.3	21.8	18.6
17	20.0	16.0	20.0	22.7	27.0	28.9	29.0	30.2	23.2	24.8	21.6	16.8
18	16.9	12.9	16.9	22.3	27.9	28.6	29.2	30.4	24.2	25.8	21.8	16.8
19	14.3	11.8	17.9	23.7	28.8	29.9	31.0	30.2	25.0	25.9	20.2	18.8
20	17.0	13.6	18.6	28.4	30.5	29.9	31.8	29.7	25.8	25.5	18.0	19.1
21	18.8	15.1	20.8	29.8	32.2	31.0	31.0	29.6	25.8	25.3	18.4	20.2
22	20.4	17.2	20.2	24.5	32.2	31.7	30.6	30.4	25.6	25.4	20.4	20.2
23	19.6	18.6	17.5	21.8	30.8	32.6	31.1	29.3	25.6	23.1	22.3	20.2
24	20.7	19.5	17.3	21.8	33.0	32.0	31.4	28.9	26.0	23.2	22.4	20.0
25	22.2	21.5	18.5	23.0	32.9	31.0	31.2	28.6	24.1	22.7	21.0	20.4
26	22.2	22.3	19.8	23.5	29.4	31.5	30.6	28.6	24.4	23.7	20.8	19.9
27	20.8	23.2	22.5	24.6	28.4	31.9	30.7	28.7	25.2	23.1	17.9	18.8
28	18.5	23.3	25.8	24.9	28.5	31.6	32.5	29.0	22.2	20.6	16.9	19.2
29	19.4	19.8	21.0	23.8	29.2	29.4	30.8	29.8	22.1	17.0	16.8	19.1
30	20.9	-99.0	18.0	24.8	27.9	30.4	28.8	29.9	24.0	17.5	16.0	17.8
31	22.4	-99.0	18.0	-99.0	27.1	-99.0	27.2	30.6	-99.0	19.0	-99.0	18.5
1989												
1	17.9	14.4	20.9	21.2	25.6	26.4	30.4	28.2	29.0	27.6	24.5	16.5
2	18.5	13.8	22.8	25.2	27.3	27.8	30.3	27.6	29.0	27.0	24.7	16.6
3	18.6	11.9	22.1	29.1	26.1	28.6	29.4	28.3	29.9	23.4	24.8	16.4
4	19.0	12.6	20.0	30.5	24.0	28.4	28.6	28.8	30.4	23.9	25.0	18.1
5	19.1	14.0	14.8	23.8	23.0	28.2	26.5	27.7	29.9	24.9	26.2	19.0
6	20.4	14.8	14.6	21.8	24.4	29.8	27.6	29.0	26.5	24.8	25.6	19.8
7	21.8	15.4	13.8	21.6	26.5	30.2	29.3	29.6	25.3	26.2	25.2	20.1
8	22.0	15.4	13.9	20.0	28.7	30.2	30.2	28.2	25.6	25.1	24.8	20.6
9	20.5	14.4	15.0	19.2	31.8	28.0	30.2	27.3	27.2	24.4	24.2	20.2
10	20.5	14.6	17.0	20.8	32.4	25.6	28.6	27.7	28.0	23.0	20.8	19.6
11	22.4	14.1	18.6	22.3	29.4	25.4	28.9	26.5	29.2	21.0	22.4	19.8
12	21.6	13.3	19.5	24.0	28.8	27.2	28.4	27.8	28.5	24.5	24.3	19.8
13	16.0	14.9	21.4	24.7	28.8	27.5	26.8	28.5	28.0	23.3	24.1	20.9
14	11.5	17.8	22.5	25.6	22.8	26.8	27.9	28.2	27.5	25.9	23.4	20.2
15	11.7	20.0	22.4	21.2	23.2	28.9	28.4	28.7	27.0	25.4	22.2	17.6
16	12.0	20.9	21.7	20.6	26.3	30.0	29.0	29.7	26.5	25.0	19.7	17.9
17	14.6	21.4	21.7	22.1	27.0	31.0	31.0	30.3	25.4	24.6	19.0	18.8
18	16.6	19.5	23.1	23.9	26.6	31.6	31.0	30.0	26.8	23.8	18.4	19.2
19	15.8	20.5	23.8	26.0	26.2	31.6	29.7	30.2	27.1	20.6	17.5	20.0
20	15.9	20.9	23.2	26.6	27.3	31.0	30.2	27.2	28.3	21.2	18.8	19.6
21	16.7	20.8	19.3	27.5	27.9	31.3	29.1	27.5	28.9	22.0	19.4	20.4
22	14.3	20.1	19.1	25.1	27.5	31.6	29.2	26.0	27.4	19.4	19.7	21.2
23	14.3	20.0	20.0	22.4	27.7	31.3	27.8	24.4	26.7	19.8	19.5	21.0
24	14.2	20.4	20.9	22.2	26.9	29.0	25.9	24.6	26.6	22.5	19.2	20.4
25	14.6	17.4	20.4	23.8	25.4	29.0	29.4	26.4	27.4	24.3	20.3	21.5
26	14.4	18.2	17.4	24.8	26.5	26.6	30.1	28.0	27.2	24.4	20.9	22.7
27	13.9	19.0	18.4	26.2	27.4	28.6	30.4	29.7	27.5	24.7	19.9	21.3
28	13.7	20.0	19.1	27.2	27.8	29.0	29.6	29.2	26.9	25.0	20.0	21.3
29	13.8	-99.0	18.2	27.0	29.6	30.2	26.7	30.2	27.1	25.8	18.1	21.7
30	13.3	-99.0	19.5	25.0	29.1	30.8	27.0	29.6	27.0	24.4	15.7	17.4
31	13.8	-99.0	20.7	-99.0	28.4	-99.0	27.7	29.6	-99.0	23.4	-99.0	16.5
1990												
1	18.2	11.4	16.8	25.5	27.2	26.0	30.9	29.4	29.3	25.6	23.8	15.4
2	18.0	13.6	16.2	27.5	27.8	24.4	29.3	30.8	29.9	24.8	25.0	14.6
3	17.3	14.6	16.0	27.6	28.0	25.7	28.4	31.0	27.2	26.3	25.4	15.2
4	17.7	13.8	16.3	23.4	22.0	26.5	29.8	28.8	27.4	25.1	27.0	15.1
5	19.4	14.4	15.3	18.3	22.1	28.9	28.2	27.7	27.8	24.8	27.8	15.6
6	20.2	15.0	14.2	20.3	23.6	30.7	29.7	29.6	28.4	24.4	26.0	16.2
7	20.1	16.9	15.6	22.0	23.9	31.3	31.2	29.6	28.7	24.4	26.3	17.7
8	21.0	18.6	15.8	23.4	25.3	31.6	30.8	30.2	29.5	24.7	26.6	20.0
9	21.4	19.9	15.4	24.4	26.2	26.4	30.1	30.5	30.4	23.5	22.0	19.6
10	22.2	21.2	17.6	26.4	27.7	28.4	29.6	31.7	30.2	24.4	18.9	19.3
11	22.6	20.6	19.6	27.0	25.9	27.1	31.6	30.9	29.9	25.0	19.2	20.3
12	22.7	19.0	20.1	22.6	25.2	28.8	31.5	29.6	29.1	24.6	19.5	20.8
13	23.7	21.1	20.9	22.6	26.0	29.6	31.8	29.6	28.1	24.5	20.3	21.0
14	24.0	22.6	22.9	23.6	26.6	30.8	30.5	29.5	27.0	24.6	20.8	21.4
15	23.1	22.3	21.0	25.3	27.1	30.4	31.6	29.2	25.5	24.7	21.2	22.4
16	16.5	21.9	20.2	31.1	27.7	29.2	31.4	29.0	27.2	25.8	19.2	21.6
17	17.4	22.0	19.5	25.6	21.7	29.2	31.7	29.4	27.0	25.8	20.5	21.0
18	19.1	21.6	18.8	24.5	23.8	28.2	31.4	29.8	27.0	26.3	23.7	21.6
19	17.9	23.4	20.4	27.9	26.1	30.1	30.0	29.9	24.3	25.5	25.1	22.0
20	15.6	23.9	20.4	30.5	27.6	29.5	30.4	31.6	24.9	24.1	23.9	22.3
21	14.6	23.6	22.8	31.2	26.9	28.7	28.2	31.1	27.0	26.2	22.9	22.0
22	15.4	24.0	23.8	32.6	27.8	28.6	25.1	31.8	27.2	26.4	20.2	21.0
23	14.2	22.3	25.0	28.7	27.8	28.4	26.3	32.3	27.8	26.9	20.5	16.8

24	14.8	18.0	28.6	23.3	23.8	28.9	28.2	31.9	27.2	26.2	20.9	17.4
25	15.4	16.2	27.0	22.8	21.8	30.4	29.6	29.0	26.2	20.7	23.5	19.7
26	16.1	15.3	24.8	22.7	24.8	30.9	30.0	27.4	27.0	20.7	22.0	21.0
27	17.2	15.3	25.3	23.8	26.1	30.6	30.1	26.8	27.2	22.0	20.4	21.4
28	18.9	16.9	25.3	25.6	26.6	29.6	30.0	25.8	27.1	23.3	20.4	21.8
29	20.5	-99.0	25.0	26.6	27.3	30.8	28.2	25.8	26.6	21.6	20.3	21.9
30	20.4	-99.0	25.0	26.6	28.2	31.3	27.8	27.8	26.6	21.0	19.6	21.4
31	19.5	-99.0	24.9	-99.0	29.9	-99.0	28.3	28.3	-99.0	23.6	-99.0	21.3
1991												
1	20.8	16.4	23.0	14.0	30.6	28.5	28.5	30.7	28.7	27.0	21.6	21.3
2	22.0	15.5	22.9	16.5	24.8	29.4	28.4	30.4	28.8	27.3	21.4	22.7
3	23.3	17.1	20.9	18.0	23.6	28.5	29.7	30.1	27.2	27.3	19.7	21.9
4	23.9	16.6	21.1	20.5	25.9	28.3	30.4	29.3	26.9	26.7	21.0	18.5
5	20.3	17.8	24.4	22.6	28.2	28.0	31.9	28.7	28.3	24.2	22.6	20.0
6	17.2	20.3	25.1	22.2	29.8	28.1	31.8	27.4	29.2	21.9	22.4	21.1
7	19.0	21.5	25.3	22.1	28.7	28.4	31.0	28.6	30.0	21.1	24.3	21.0
8	18.7	21.2	24.2	23.7	23.6	28.6	29.8	30.1	30.4	23.2	23.3	21.2
9	17.5	22.6	24.0	25.6	21.8	30.9	29.4	30.6	30.6	24.1	22.8	20.3
10	20.4	23.1	24.8	28.9	24.0	31.3	28.3	30.2	29.2	24.1	23.3	19.5
11	21.8	23.2	24.5	30.9	26.5	30.5	28.3	29.9	28.3	26.0	23.2	21.2
12	18.4	22.9	24.8	27.5	27.4	30.4	28.8	27.5	27.6	26.3	19.9	20.4
13	17.6	23.9	24.2	25.7	27.4	30.4	27.0	28.9	25.8	27.9	20.4	20.7
14	17.9	23.9	23.6	26.0	27.4	31.8	26.7	27.1	25.3	28.0	21.1	18.6
15	14.4	20.6	23.9	26.1	27.6	32.7	29.2	27.2	26.8	27.3	19.2	18.8
16	16.3	20.1	22.7	27.1	26.0	32.6	29.6	27.1	25.1	27.3	18.2	19.5
17	17.7	20.2	20.0	27.1	27.1	30.5	29.9	24.9	26.7	25.4	20.4	20.2
18	19.3	20.0	20.6	26.7	28.2	30.8	30.0	27.0	27.1	22.6	19.7	20.5
19	21.0	20.1	22.6	25.3	30.0	31.7	30.1	27.3	27.8	23.0	19.9	19.4
20	21.2	16.7	26.6	22.1	29.7	31.6	29.7	28.0	27.1	22.9	20.9	19.7
21	22.1	13.9	26.6	20.2	30.9	32.3	30.5	29.8	27.0	22.3	21.3	18.6
22	23.1	13.7	24.2	20.4	31.5	30.8	28.6	30.5	25.8	21.7	21.2	20.3
23	22.8	15.7	25.2	21.1	32.6	26.8	27.6	29.3	26.7	20.4	23.3	21.5
24	21.9	16.5	25.6	22.3	33.1	27.3	27.5	28.4	26.8	20.9	24.0	22.5
25	21.9	18.9	25.9	23.6	31.9	25.3	29.0	26.7	27.4	22.1	21.0	22.1
26	21.8	20.6	26.5	24.8	29.4	26.5	28.0	27.4	27.7	23.5	17.5	22.3
27	18.8	21.6	25.6	25.3	27.8	27.3	28.0	27.2	27.7	24.2	18.4	24.1
28	18.9	22.0	24.2	26.6	27.8	28.4	29.8	25.3	25.6	22.0	19.1	12.7
29	18.8	-99.0	22.3	27.5	28.1	29.9	29.7	27.0	24.1	20.5	21.4	9.0
30	18.4	-99.0	21.7	28.1	28.2	29.0	30.8	28.3	26.0	20.6	21.8	11.1
31	19.2	-99.0	17.3	-99.0	28.2	-99.0	30.8	28.3	-99.0	21.1	-99.0	14.3
1992												
1	16.6	20.8	22.2	20.1	28.0	29.9	30.7	28.6	29.9	25.9	23.2	17.4
2	17.9	21.3	22.9	20.7	28.4	29.7	31.6	29.7	29.2	26.2	22.7	17.0
3	17.8	21.5	23.4	21.6	28.3	28.3	32.2	28.7	28.0	25.9	23.3	16.2
4	17.3	21.7	22.0	22.0	27.3	28.4	32.5	27.8	29.2	26.0	22.9	18.4
5	18.2	22.1	16.7	23.1	27.6	28.2	32.7	28.4	30.2	25.2	22.3	19.3
6	19.8	20.0	16.0	23.3	28.1	30.8	31.3	28.5	30.8	24.0	22.8	21.0
7	16.2	17.6	15.1	23.5	30.3	29.5	28.6	29.6	29.3	25.5	23.4	20.9
8	13.4	17.8	15.9	23.7	32.3	26.2	25.3	30.2	26.3	23.0	23.0	21.0
9	13.9	18.0	17.1	24.4	30.8	26.9	24.4	30.1	27.5	21.7	16.5	20.8
10	13.4	17.5	17.7	24.5	26.3	28.2	27.4	29.0	28.5	22.4	17.5	21.1
11	14.9	16.8	18.8	23.5	26.1	27.8	28.2	28.0	30.1	24.6	16.0	22.2
12	17.5	16.1	19.8	22.6	27.0	28.9	28.1	28.7	29.2	25.3	18.3	22.4
13	17.1	15.1	21.5	20.1	27.3	30.2	27.2	29.1	28.3	22.6	18.0	22.3
14	14.0	17.3	22.9	19.5	27.5	31.3	28.8	29.3	27.7	20.5	18.5	21.7
15	13.9	18.0	23.4	19.9	28.1	31.2	28.0	27.5	28.7	21.6	17.5	18.8
16	13.5	18.0	22.8	21.8	29.3	30.6	27.4	26.4	29.4	22.3	16.8	17.0
17	13.0	17.6	22.6	22.4	30.3	30.7	28.5	25.4	26.5	22.8	19.0	18.3
18	15.5	18.7	21.8	27.6	27.4	30.1	30.1	27.7	25.4	23.1	21.3	19.2
19	16.5	18.6	22.0	31.0	26.1	28.6	31.3	28.8	23.8	23.4	21.6	19.5
20	16.7	15.2	23.5	30.9	26.8	29.3	31.9	30.0	26.7	22.0	21.4	21.0
21	15.4	14.0	23.0	31.3	26.4	28.8	31.5	30.0	24.8	22.4	18.5	21.3
22	16.1	14.5	24.3	27.2	27.4	30.4	28.7	28.7	26.8	22.8	18.5	21.1
23	16.4	14.0	25.1	25.9	28.0	32.8	27.1	27.7	27.5	23.0	19.6	20.7
24	17.7	15.5	24.4	26.4	26.6	33.4	28.1	26.9	27.3	22.8	19.6	13.4
25	18.1	16.0	23.6	26.7	27.3	33.1	26.9	26.2	26.2	22.3	21.4	13.3
26	17.3	17.3	21.1	26.7	27.3	29.9	27.3	27.0	26.1	21.9	19.9	16.5
27	18.2	16.9	18.4	26.4	25.1	25.4	26.5	26.8	26.1	22.3	19.1	18.5
28	20.5	18.9	17.7	26.6	27.6	24.7	24.9	27.9	24.9	20.3	18.6	21.0
29	20.6	20.7	17.7	26.6	27.4	25.9	26.2	29.3	25.3	18.7	18.6	21.6
30	21.0	-99.0	19.3	27.4	31.4	30.3	27.6	30.2	26.2	20.9	17.9	22.3
31	20.7	-99.0	20.1	-99.0	32.1	-99.0	27.0	30.4	-99.0	22.7	-99.0	21.9
1993												
1	20.9	16.0	16.5	25.2	30.4	31.8	30.3	30.6	25.4	23.5	19.7	21.7
2	21.0	15.0	16.7	27.6	31.1	32.2	30.8	28.9	27.4	21.3	19.9	22.3
3	21.9	16.0	17.7	28.2	24.5	31.5	31.2	30.7	28.0	23.0	20.4	23.6
4	22.2	17.4	17.7	26.8	24.4	32.8	31.8	30.9	28.0	23.0	21.5	22.5

5	21.6	18.2	19.4	24.6	26.9	32.2	32.4	31.7	27.4	24.2	22.8	19.0
6	21.5	19.5	20.3	23.0	28.2	31.9	32.0	32.9	25.0	23.6	23.1	15.9
7	21.8	19.0	21.3	19.3	28.4	30.9	31.0	32.3	23.4	23.5	23.3	17.5
8	22.4	20.3	21.7	17.9	29.1	32.2	31.1	31.8	23.8	23.4	23.7	16.8
9	21.6	20.5	22.6	17.4	29.8	32.0	30.5	31.8	25.6	23.9	24.7	18.0
10	22.3	20.1	21.7	19.8	28.0	31.6	29.1	31.1	27.0	24.6	24.7	17.1
11	22.0	19.9	21.4	22.9	26.6	32.1	26.2	32.6	26.8	23.9	24.6	18.4
12	22.6	20.0	22.8	23.2	26.7	31.6	25.4	32.2	28.1	25.4	24.0	20.7
13	22.9	20.9	22.7	23.6	29.6	31.9	27.8	29.0	27.6	24.7	23.5	21.9
14	22.6	20.7	26.7	24.2	27.9	32.9	28.6	29.8	28.3	25.2	24.0	20.8
15	25.9	20.9	27.4	24.3	27.0	31.7	29.7	29.9	28.5	25.1	24.5	17.2
16	10.4	21.3	29.9	25.7	26.0	32.4	30.2	27.6	28.6	22.1	24.8	14.2
17	10.4	21.6	25.3	26.6	26.0	31.8	30.7	27.1	28.5	22.2	24.9	12.3
18	11.2	22.8	18.6	25.7	26.7	32.2	31.9	29.7	27.6	21.6	23.9	13.3
19	12.4	22.6	16.1	26.8	27.8	32.7	31.8	30.3	25.3	19.3	24.1	15.0
20	12.8	22.7	16.2	27.1	28.6	32.9	32.0	29.3	25.6	20.8	24.7	15.2
21	12.0	23.0	17.0	24.3	29.4	32.7	31.5	29.7	26.8	21.6	20.4	16.5
22	12.3	22.7	18.4	24.9	28.1	32.6	31.3	28.4	27.3	21.1	17.2	15.4
23	12.0	21.0	20.4	27.6	27.7	28.9	31.0	28.7	25.6	23.6	17.4	14.0
24	11.0	18.5	22.6	29.1	28.7	29.6	29.7	29.0	27.3	23.9	16.4	14.5
25	12.6	19.1	24.0	28.2	27.1	29.6	31.0	28.9	27.2	24.5	17.1	14.9
26	14.1	20.0	26.6	27.0	28.6	29.6	31.8	29.5	27.2	25.5	16.3	14.8
27	14.7	21.5	27.1	26.3	28.0	28.5	31.6	28.9	27.3	24.9	16.3	15.5
28	13.3	19.0	26.3	27.2	27.7	30.6	30.6	28.5	28.5	25.9	17.5	16.3
29	12.8	-99.0	22.7	27.9	28.2	29.7	30.9	25.0	29.4	23.7	18.6	15.8
30	13.3	-99.0	20.0	27.5	27.8	28.8	31.5	25.9	26.0	19.1	19.9	16.9
31	13.9	-99.0	20.4	-99.0	30.8	-99.0	31.6	26.1	-99.0	19.2	-99.0	18.7

1994

1	17.0	20.1	14.2	22.6	30.7	28.7	29.1	28.7	25.6	26.2	20.7	23.8
2	19.6	19.1	13.3	22.3	33.0	26.8	29.8	28.1	26.6	26.3	19.5	23.9
3	19.1	17.9	14.5	24.4	33.4	27.4	30.9	27.1	27.1	24.8	20.9	22.1
4	21.2	18.9	16.7	24.0	30.4	29.1	30.0	28.2	27.4	26.3	21.7	18.0
5	22.5	20.8	17.9	24.6	22.0	29.7	28.5	29.2	26.9	26.0	21.4	17.5
6	22.2	22.3	20.6	24.8	21.5	29.7	29.3	29.9	26.1	26.2	22.0	18.8
7	21.0	22.5	21.5	24.9	23.3	29.2	29.1	29.4	25.5	25.2	22.2	19.5
8	20.1	22.5	20.6	24.9	25.0	28.8	30.0	29.1	28.6	26.2	23.3	21.2
9	19.8	22.1	21.0	25.0	25.8	29.1	28.1	28.6	28.8	26.9	22.3	22.5
10	20.9	22.6	20.2	25.7	27.1	28.8	28.1	28.4	28.5	26.9	22.5	23.5
11	22.5	24.3	19.1	25.9	27.9	30.4	29.5	30.4	28.5	26.8	21.9	24.3
12	22.2	23.5	22.0	25.4	29.2	31.3	30.9	31.1	25.8	24.9	23.3	23.7
13	21.9	22.4	21.7	21.7	29.2	31.7	30.7	32.3	23.4	26.6	23.1	21.6
14	18.5	23.4	17.4	21.0	29.7	31.9	29.7	30.9	25.4	27.8	24.0	19.0
15	18.2	23.5	16.5	21.1	30.3	31.5	26.9	29.2	26.5	28.5	23.4	19.8
16	20.2	20.9	17.5	22.7	29.6	32.1	27.0	27.9	26.2	27.6	24.6	20.2
17	21.8	18.8	17.1	24.6	27.8	31.0	27.9	28.6	26.2	26.0	23.9	20.8
18	22.0	19.0	17.6	26.2	25.1	28.2	27.3	28.9	26.5	25.6	23.4	18.1
19	20.9	19.4	18.1	27.2	25.7	25.7	28.3	28.4	28.6	22.9	21.8	16.9
20	17.2	19.1	18.6	27.4	27.3	27.5	29.2	28.4	29.4	21.8	22.6	16.5
21	12.1	18.6	18.6	28.4	28.1	27.4	30.3	28.9	29.8	21.0	23.9	14.4
22	12.1	20.4	18.0	27.2	28.9	28.8	30.6	28.2	29.1	19.9	24.1	15.6
23	12.4	24.3	16.2	26.9	30.1	28.3	30.7	27.4	26.5	20.0	23.9	18.0
24	14.0	24.3	17.4	27.5	30.9	28.4	31.3	25.7	26.8	19.8	21.8	18.7
25	15.8	18.6	18.2	29.2	30.7	29.8	30.6	26.1	27.1	20.2	21.8	18.1
26	16.5	16.9	17.8	29.9	30.8	29.5	30.6	27.6	27.2	20.2	22.2	19.0
27	18.6	15.1	16.5	28.7	26.4	29.5	27.7	28.9	25.9	20.6	22.2	19.9
28	18.8	13.9	18.4	26.8	26.9	27.4	26.9	28.2	25.7	23.0	23.4	20.0
29	19.5	-99.0	20.3	26.8	28.3	25.9	26.7	26.7	24.6	22.6	24.4	19.8
30	21.2	-99.0	21.2	27.8	29.4	27.4	25.5	26.5	24.5	22.1	24.4	20.6
31	20.7	-99.0	21.8	-99.0	27.7	-99.0	27.8	25.5	-99.0	21.6	-99.0	22.2

1995

1	21.0	11.7	17.3	22.0	26.6	27.0	29.6	28.7	29.0	26.2	24.5	21.7
2	18.1	12.3	18.6	19.8	26.5	28.3	30.5	30.4	28.9	27.3	21.0	21.4
3	17.1	12.7	18.2	18.2	26.9	30.4	29.5	30.9	27.8	27.8	19.1	20.6
4	13.3	11.2	17.2	18.9	26.7	31.2	28.7	28.6	26.0	27.0	20.9	21.1
5	14.1	12.5	17.2	20.3	21.7	31.1	29.7	28.7	27.6	25.5	21.6	20.4
6	14.0	14.0	18.2	20.8	24.2	31.6	30.5	28.8	29.1	23.4	21.2	16.7
7	15.0	16.1	19.3	19.7	25.3	30.8	29.8	29.2	30.0	21.6	19.9	16.3
8	16.5	16.9	20.9	21.2	24.9	29.6	29.2	28.0	29.1	24.4	18.8	15.9
9	18.5	18.9	21.7	22.3	25.8	29.6	29.3	27.9	28.4	25.3	19.4	16.2
10	18.4	18.5	20.4	24.0	25.0	30.3	30.3	27.6	27.5	24.6	21.5	17.6
11	20.7	19.1	20.1	24.6	25.2	29.7	31.6	29.8	27.0	23.5	22.4	19.8
12	20.6	19.7	19.1	25.5	25.5	27.6	32.1	30.5	25.6	23.6	24.1	19.6
13	17.0	20.9	18.2	28.7	26.2	27.8	31.2	27.6	25.4	26.7	23.3	20.7
14	16.8	20.2	18.5	29.2	26.5	30.1	30.3	28.4	25.8	27.1	19.4	20.4
15	17.8	17.4	20.8	28.0	26.4	31.2	30.2	29.4	26.6	27.4	18.0	21.2
16	17.0	17.9	21.8	27.1	23.0	32.4	30.0	28.4	25.3	26.9	18.2	22.6
17	16.8	18.5	22.3	25.6	26.9	31.3	29.6	29.1	25.1	26.5	19.2	22.6

18	18.3	20.6	16.7	26.1	31.2	29.0	27.5	28.3	25.0	26.2	20.0	20.0
19	19.4	21.1	16.3	26.1	31.6	30.3	27.2	29.1	24.5	25.8	19.0	17.5
20	20.4	20.8	16.8	26.9	31.8	31.2	28.6	28.4	24.9	26.9	21.2	17.0
21	20.4	19.8	17.9	27.6	32.6	32.4	30.8	28.1	25.7	26.3	18.2	15.5
22	21.9	17.5	19.5	27.9	26.5	32.9	32.2	28.0	26.6	26.6	18.1	15.9
23	21.9	16.2	21.0	27.1	27.5	32.4	32.1	29.3	27.0	25.9	17.2	16.5
24	16.6	16.2	22.2	26.0	31.8	32.7	31.6	29.4	26.0	25.5	17.1	17.7
25	15.5	16.0	20.3	26.4	32.6	32.4	31.1	29.1	26.4	20.8	16.7	17.4
26	16.4	14.9	18.1	26.5	32.0	32.5	31.0	28.7	26.1	21.3	17.6	17.4
27	15.3	14.9	19.4	26.5	28.4	31.9	31.1	26.8	26.8	21.4	19.4	16.6
28	13.2	16.1	21.7	26.4	28.5	28.2	29.8	26.2	27.0	20.3	20.8	15.9
29	14.0	-99.0	22.6	27.2	28.9	28.6	27.5	25.2	26.3	24.0	21.0	13.9
30	14.1	-99.0	24.4	25.7	29.2	29.1	26.7	27.0	25.9	24.7	21.3	14.2
31	11.9	-99.0	24.1	-99.0	29.5	-99.0	26.6	28.9	-99.0	24.8	-99.0	14.7
1996												
1	14.8	14.2	16.2	24.0	27.0	29.2	31.0	31.3	28.0	25.7	26.1	15.1
2	15.7	15.0	17.9	18.5	26.3	28.8	32.0	32.2	27.1	26.0	25.8	16.1
3	17.2	14.4	17.3	16.6	27.2	29.2	31.5	31.7	26.1	26.8	22.9	19.2
4	17.0	14.9	18.2	16.1	28.9	29.9	29.2	29.8	26.8	26.9	25.4	21.1
5	17.7	16.6	18.0	17.6	30.6	30.3	29.2	26.6	27.3	26.9	26.0	20.8
6	19.4	16.5	18.8	19.4	31.1	29.1	29.4	28.9	27.8	28.3	25.4	14.7
7	19.6	18.3	20.0	20.8	32.3	27.9	29.9	30.0	27.9	27.7	25.1	13.8
8	20.3	18.2	22.0	22.0	24.8	28.1	29.9	30.8	27.1	25.1	24.8	15.2
9	18.7	17.7	21.8	23.2	23.9	28.3	29.9	30.6	27.8	22.8	24.7	16.0
10	16.7	17.6	18.2	21.6	24.5	28.4	31.0	31.1	28.8	22.6	24.7	14.7
11	18.4	15.8	15.7	18.8	23.3	28.3	31.9	29.8	27.4	23.3	25.5	16.7
12	20.9	18.1	16.2	19.0	24.4	28.1	30.2	28.6	25.8	24.3	24.7	17.4
13	22.3	19.0	18.0	19.7	25.0	27.6	30.5	27.7	27.2	24.8	23.4	18.6
14	21.9	20.3	20.9	19.7	26.6	27.3	30.9	27.9	26.6	25.1	21.7	17.7
15	21.4	19.9	22.8	20.5	27.1	27.9	31.4	28.2	26.7	25.7	22.9	19.4
16	21.5	20.1	29.2	20.2	27.3	27.5	32.0	29.7	25.0	26.1	22.6	19.6
17	21.2	21.7	29.2	22.5	25.9	28.5	31.5	29.6	27.4	26.4	19.6	19.9
18	21.0	17.9	25.2	24.6	25.1	29.5	31.2	30.4	28.3	25.2	16.8	18.6
19	19.7	12.8	21.4	28.7	26.3	30.2	31.4	29.1	27.6	24.0	17.8	16.9
20	17.7	9.7	22.3	21.3	25.9	31.5	31.3	27.1	27.7	23.6	18.5	16.9
21	18.7	8.6	21.5	19.5	27.0	30.6	29.2	28.2	26.0	24.8	20.9	17.1
22	20.3	9.4	21.7	18.8	27.5	30.2	26.9	26.5	23.8	21.8	20.1	16.2
23	20.0	10.8	23.1	20.7	28.5	30.2	25.9	26.4	24.7	24.0	21.1	17.1
24	18.5	11.3	22.9	21.8	29.9	30.6	27.4	26.9	23.8	23.3	21.7	17.1
25	20.0	12.6	23.6	23.3	30.6	29.3	29.4	25.9	23.4	24.8	22.3	17.5
26	16.3	13.4	22.1	22.9	26.8	30.3	29.8	27.1	24.2	24.7	22.5	17.0
27	14.1	14.0	21.4	23.4	28.4	31.8	30.7	27.2	25.9	21.7	22.8	17.8
28	13.8	15.4	20.2	24.2	30.1	32.2	30.9	28.2	26.8	22.8	22.8	19.0
29	14.0	15.9	20.0	25.5	30.3	31.8	29.7	30.0	26.6	24.2	22.1	19.8
30	14.2	-99.0	22.1	27.0	29.4	31.5	29.4	28.6	25.8	24.3	19.8	21.0
31	14.1	-99.0	27.8	-99.0	29.7	-99.0	30.2	28.0	-99.0	25.1	-99.0	21.1
1997												
1	20.5	21.0	20.2	24.5	25.4	28.4	30.7	29.0	29.5	26.5	18.2	25.0
2	20.5	22.5	19.8	25.2	26.6	31.5	30.7	29.4	29.4	26.6	19.1	17.6
3	20.0	22.4	18.5	25.3	27.7	32.4	29.1	31.1	28.5	26.6	19.5	16.4
4	21.7	19.1	18.9	25.0	29.2	31.4	30.6	30.7	28.4	25.2	21.2	17.3
5	19.5	17.7	19.8	24.7	30.5	31.6	31.3	30.0	28.3	26.0	21.5	19.5
6	18.2	17.1	21.3	25.2	32.5	32.9	31.4	31.5	27.5	26.8	21.1	22.4
7	18.9	17.0	21.9	25.5	30.8	32.5	30.8	32.6	25.9	26.8	21.6	23.1
8	19.1	16.9	21.9	25.4	31.1	32.9	30.5	31.4	26.5	26.7	21.8	17.5
9	13.9	15.8	21.7	26.3	26.1	32.2	29.0	31.8	26.8	26.7	21.9	15.7
10	14.1	16.2	22.2	25.4	27.8	31.2	27.9	29.6	25.8	26.9	21.6	16.1
11	14.4	15.6	23.3	25.6	30.2	27.5	27.7	30.1	26.8	27.1	23.1	15.6
12	15.4	15.9	24.2	24.5	31.2	29.7	28.7	31.1	27.6	26.9	23.8	16.0
13	17.0	16.5	24.5	24.0	31.0	31.4	28.8	29.9	28.4	26.3	24.2	15.6
14	19.0	16.3	24.3	23.4	29.8	28.8	28.3	29.9	28.3	26.0	24.6	17.9
15	20.4	16.0	24.9	24.8	30.0	26.4	29.8	27.2	28.2	26.4	25.4	19.4
16	20.5	14.4	25.5	24.0	30.6	27.2	29.6	26.4	27.4	23.9	26.1	21.1
17	22.0	14.6	21.7	25.3	28.1	28.2	30.0	25.0	27.4	24.8	19.1	22.4
18	22.8	15.1	20.9	26.8	30.2	29.8	30.1	27.4	27.3	25.8	18.9	22.7
19	22.4	15.1	22.8	27.1	31.3	30.8	30.0	27.9	27.7	25.6	21.1	23.7
20	19.8	16.5	20.7	27.8	30.2	31.3	29.3	29.0	27.7	26.2	23.2	23.8
21	21.0	17.8	21.6	27.2	31.0	31.4	28.3	29.3	20.1	26.5	23.3	24.3
22	22.8	18.3	21.4	25.1	30.7	29.8	28.3	29.3	20.4	27.8	24.0	22.5
23	23.0	18.7	18.9	26.5	23.1	30.1	27.8	28.7	23.2	28.3	25.0	17.4
24	16.4	18.5	18.6	23.3	25.0	28.9	27.4	27.8	24.9	27.7	25.2	18.2
25	13.0	19.0	19.5	22.1	25.9	29.3	28.5	27.4	25.2	27.3	26.8	20.5
26	13.7	19.0	20.4	19.8	26.9	28.3	28.8	27.3	20.4	24.6	27.0	21.1
27	15.3	19.3	20.4	22.1	28.3	28.2	29.5	28.8	18.5	23.9	25.9	20.8
28	16.8	19.7	21.1	23.3	28.6	29.4	27.6	28.3	21.5	20.2	26.0	20.6
29	18.8	-99.0	22.3	23.9	24.8	29.0	27.8	27.5	23.6	19.9	26.3	22.1
30	20.2	-99.0	23.0	24.3	26.2	30.4	28.8	27.7	25.1	19.9	25.4	22.6

31	21.0	-99.0	23.6	-99.0	27.3	-99.0	29.3	29.0	-99.0	19.0	-99.0	21.7
1998												
1	21.9	21.1	17.3	24.1	30.5	31.5	27.4	31.7	28.8	25.6	25.9	25.5
2	22.4	22.4	18.6	23.2	30.1	32.3	28.6	32.6	28.7	24.6	24.4	25.5
3	21.3	22.6	19.4	23.4	27.7	31.5	26.8	32.3	28.2	25.7	21.0	24.4
4	22.6	20.3	20.5	22.8	25.8	31.9	27.7	31.2	30.4	25.0	22.2	19.2
5	22.0	13.8	20.9	23.6	26.9	28.1	29.2	30.6	28.4	21.2	23.0	19.1
6	20.4	12.0	24.2	24.8	28.1	27.3	30.0	30.3	26.5	24.5	23.8	18.9
7	22.6	13.5	27.4	25.1	28.3	29.2	31.2	30.6	27.9	24.3	22.1	18.0
8	23.0	15.6	28.7	26.2	28.5	30.8	30.9	29.4	29.2	25.7	23.3	16.0
9	22.8	17.7	29.1	26.0	28.2	31.0	30.4	27.6	28.3	26.0	23.5	16.1
10	22.6	18.2	22.3	26.5	29.2	29.9	30.7	29.5	27.9	26.9	23.0	16.9
11	23.7	19.7	18.3	27.3	29.4	31.7	32.0	30.4	27.6	27.3	23.0	18.7
12	23.7	21.7	17.3	26.2	27.3	32.0	32.1	31.6	27.7	25.6	22.7	17.0
13	25.2	23.2	17.9	26.0	28.3	33.0	31.0	30.6	28.1	26.7	22.3	16.8
14	25.8	22.9	19.4	25.8	28.4	33.2	32.2	30.1	26.9	26.8	22.9	17.0
15	21.0	23.2	20.5	23.1	30.1	33.5	32.3	29.4	28.3	26.5	21.4	13.0
16	21.8	26.6	21.9	24.1	30.0	34.1	32.7	29.4	26.7	26.9	24.0	13.6
17	21.7	26.3	22.9	24.5	27.5	34.3	32.5	29.6	24.3	27.7	26.0	16.4
18	18.9	23.0	23.6	23.9	27.8	32.4	33.0	29.1	26.0	25.9	24.9	18.6
19	16.5	22.7	24.5	23.3	29.1	33.2	33.8	26.5	25.2	26.1	23.6	19.1
20	15.2	22.4	24.9	23.8	30.2	32.7	34.1	26.2	26.7	23.1	20.3	20.0
21	16.5	20.6	23.3	25.5	31.4	33.1	34.4	27.5	27.1	24.2	19.3	20.2
22	18.2	18.7	17.8	28.8	32.8	33.4	34.0	27.4	27.2	23.3	21.1	20.6
23	16.7	18.3	17.7	32.0	33.7	32.0	33.5	29.1	25.9	23.5	20.5	20.2
24	15.1	19.2	18.8	30.6	28.0	32.6	33.3	29.9	27.1	23.4	20.6	20.2
25	13.3	18.1	19.9	29.3	25.9	31.1	31.8	30.2	27.3	23.4	20.3	20.3
26	14.5	17.4	22.4	28.3	26.8	30.8	32.4	31.3	26.9	23.6	19.5	19.9
27	16.3	18.2	24.2	30.0	28.1	28.8	31.5	31.6	25.7	23.3	19.5	20.1
28	15.2	17.9	21.8	29.3	31.1	28.5	30.5	32.3	26.6	24.2	20.8	19.2
29	14.5	-99.0	21.2	29.5	30.4	27.9	30.3	31.6	26.0	25.1	24.7	20.3
30	16.6	-99.0	22.4	29.8	28.2	27.3	30.3	27.7	25.2	26.4	25.4	20.1
31	19.5	-99.0	23.3	-99.0	30.1	-99.0	30.2	28.1	-99.0	26.0	-99.0	20.1
1999												
1	19.8	21.9	17.7	20.7	20.7	26.2	27.7	26.3	24.8	24.3	20.8	15.0
2	18.4	16.7	18.8	23.1	22.4	26.7	27.3	25.9	25.0	24.3	16.6	15.7
3	16.6	16.8	19.9	22.5	23.7	26.4	27.1	26.3	24.7	24.6	15.9	16.9
4	13.7	14.0	20.2	20.3	25.0	27.2	26.0	24.2	25.6	23.9	17.5	16.1
5	12.8	16.6	18.8	18.8	22.4	25.2	25.7	26.9	25.5	23.5	18.2	15.0
6	15.2	15.2	21.7	19.6	22.3	26.3	27.9	26.7	25.8	24.1	18.4	13.7
7	15.6	16.9	22.0	21.0	21.5	28.2	27.3	26.5	24.8	23.4	20.1	13.4
8	14.7	16.3	22.6	21.3	22.5	27.7	29.0	27.0	23.8	23.9	20.7	13.4
9	14.8	13.6	21.7	22.1	20.4	26.3	27.7	28.8	24.7	24.1	21.9	14.4
10	15.9	15.2	21.7	23.7	20.9	26.0	29.2	28.1	24.4	25.0	21.9	13.8
11	14.1	20.4	18.5	23.5	21.1	24.7	28.7	26.9	24.3	24.7	22.3	17.0
12	11.3	17.7	18.0	25.4	19.8	26.5	28.3	27.0	23.8	25.0	24.0	17.6
13	12.8	18.7	18.9	24.8	21.9	27.9	28.3	27.1	25.5	24.4	23.3	17.0
14	13.2	19.7	19.3	24.8	23.7	26.9	28.7	27.6	26.1	24.0	23.4	16.1
15	11.7	19.1	18.7	24.7	24.3	26.1	28.4	26.6	26.2	23.2	22.9	15.8
16	12.8	19.5	16.2	24.3	24.2	26.5	28.0	26.7	25.7	22.1	22.2	16.5
17	12.2	18.2	19.2	25.5	26.7	27.2	27.7	26.3	26.0	21.4	21.5	16.8
18	13.4	19.9	24.9	26.2	25.7	26.6	27.2	25.1	26.1	21.2	20.5	16.5
19	15.3	17.2	22.0	25.0	23.2	24.7	27.1	25.3	26.5	18.5	18.8	16.7
20	17.5	15.3	23.3	25.6	23.4	25.3	28.7	24.9	25.0	17.9	20.4	15.1
21	16.4	14.2	20.6	24.7	24.8	25.7	28.7	25.7	23.9	19.3	18.0	12.4
22	17.0	14.0	17.6	24.8	24.1	27.2	28.7	26.9	24.2	21.7	20.4	11.3
23	17.7	15.9	17.2	23.8	25.7	28.2	27.3	25.0	23.5	22.2	21.0	9.1
24	20.7	19.2	18.5	26.4	26.6	27.5	25.0	26.2	22.2	23.5	22.2	7.5
25	20.0	19.7	20.3	26.5	26.4	27.2	26.3	26.2	21.7	22.0	21.9	8.3
26	19.5	20.9	21.7	26.0	27.2	26.7	27.3	27.1	22.5	23.1	20.2	8.8
27	19.9	21.0	23.7	23.8	24.2	27.0	27.7	26.7	23.7	23.3	20.2	9.5
28	21.3	17.8	22.0	19.5	24.2	26.7	27.7	25.4	24.2	21.7	18.3	13.9
29	21.4	-99.0	19.1	20.3	25.1	26.7	26.9	25.2	24.2	23.1	14.3	15.7
30	20.9	-99.0	17.7	19.2	25.7	27.6	26.7	26.5	23.3	23.0	14.9	16.9
31	21.3	-99.0	17.3	-99.0	26.0	-99.0	25.7	26.5	-99.0	23.3	-99.0	17.7
2000												
1	18.6	11.7	11.9	25.0	29.8	26.9	28.8	30.7	29.3	27.6	21.0	23.9
2	17.9	14.1	13.3	25.1	29.8	28.1	29.0	30.9	28.8	27.6	19.8	24.0
3	18.9	15.8	16.3	24.4	25.6	27.8	29.0	30.6	28.7	27.9	19.5	20.3
4	19.7	16.5	18.0	22.1	26.7	27.9	29.4	31.1	28.2	28.3	19.4	17.3
5	21.0	17.8	19.2	21.6	27.2	28.0	29.4	29.3	27.4	28.0	19.7	19.2
6	22.5	17.0	20.3	20.9	27.6	29.5	29.5	29.6	27.4	26.8	20.1	20.0
7	22.7	16.2	21.7	22.2	28.1	31.0	30.7	28.1	26.7	26.4	21.3	19.2
8	22.5	16.4	21.0	22.6	29.3	30.6	30.2	27.9	24.4	26.3	22.0	19.9
9	22.5	16.5	21.6	23.9	30.2	31.0	27.8	28.3	26.1	26.7	22.2	21.3
10	22.9	18.3	22.7	25.3	26.9	30.8	27.2	29.5	25.1	26.9	23.4	21.7
11	23.1	19.6	20.9	23.1	27.1	31.5	27.6	31.2	26.0	26.7	23.1	22.0

12	23.8	20.2	17.8	24.0	26.9	30.5	25.9	31.3	27.5	27.5	22.0	20.2
13	24.2	21.2	18.4	25.4	25.9	24.2	28.3	31.8	25.4	24.9	18.0	17.0
14	24.2	21.4	19.2	26.8	26.1	23.4	29.0	31.3	26.2	20.8	19.5	16.0
15	24.1	19.1	20.1	23.9	26.9	25.9	29.8	31.3	25.4	19.9	21.0	17.8
16	23.0	17.7	21.4	20.9	27.7	26.6	27.3	30.6	25.5	19.6	21.8	19.1
17	22.0	17.7	19.9	22.4	27.5	24.7	27.1	30.2	25.4	19.8	19.6	20.2
18	17.4	18.7	19.8	23.3	25.6	25.4	29.1	29.5	25.8	22.0	18.9	20.7
19	12.8	20.6	20.2	25.4	23.5	27.4	29.8	28.8	25.8	21.5	20.6	22.1
20	13.5	21.9	21.5	27.5	24.9	28.6	30.5	29.3	26.5	22.9	18.3	22.8
21	15.3	19.7	23.1	26.9	22.2	29.8	29.8	29.0	25.6	25.0	17.4	18.2
22	17.7	18.3	23.5	26.0	22.6	30.3	29.7	27.3	26.7	25.0	17.5	17.3
23	19.3	18.8	23.2	26.8	25.3	30.7	29.6	27.0	27.2	25.3	18.5	18.5
24	20.0	16.7	19.7	28.8	27.4	30.3	30.3	26.8	27.5	26.4	20.3	17.7
25	17.8	15.7	18.5	30.3	30.1	30.4	30.1	27.7	28.7	26.3	19.7	17.5
26	15.6	12.8	17.5	29.8	31.6	29.7	30.5	28.3	28.5	26.2	21.9	18.0
27	12.2	13.3	20.1	27.1	30.7	29.6	30.4	29.5	27.5	26.6	23.3	18.5
28	12.5	13.3	20.6	27.4	30.2	28.9	30.8	29.4	27.3	26.8	23.2	18.7
29	13.3	12.6	21.9	28.3	29.1	28.8	30.7	28.3	26.0	25.9	23.6	19.8
30	12.2	-99.0	21.6	28.6	28.6	28.8	30.5	29.4	27.2	23.2	23.8	20.9
31	11.8	-99.0	23.4	-99.0	28.5	-99.0	31.1	29.1	-99.0	20.9	-99.0	20.0
2001												
1	18.1	17.6	18.2	24.7	25.0	27.8	29.5	31.2	27.9	27.5	26.0	23.4
2	19.3	17.3	17.8	25.0	23.9	28.4	29.2	28.9	26.5	27.6	26.1	23.5
3	21.0	17.3	19.2	26.1	25.8	28.7	29.6	26.6	26.6	27.1	26.4	22.6
4	21.6	16.8	18.8	26.5	25.8	30.5	29.3	27.7	26.4	24.6	26.4	22.7
5	21.2	17.6	19.6	24.8	28.2	29.0	29.9	26.8	26.5	23.1	26.0	23.0
6	21.9	19.6	20.6	24.0	30.2	30.0	31.2	27.1	27.7	26.4	21.7	22.7
7	23.1	19.7	22.0	25.5	31.5	31.1	31.5	27.1	29.1	27.6	20.7	19.3
8	22.9	16.7	19.7	28.6	31.4	31.1	30.7	29.1	29.2	27.9	21.6	19.2
9	23.8	15.7	16.4	30.4	30.8	31.4	29.0	28.7	25.6	24.8	23.2	20.3
10	18.5	13.8	17.1	30.3	23.6	30.9	29.3	26.9	27.0	24.7	20.5	19.2
11	16.6	15.9	18.0	22.8	24.6	30.1	30.9	27.1	23.6	25.6	20.9	18.9
12	17.8	18.3	16.3	17.9	25.5	30.4	31.6	28.8	25.7	26.2	19.7	20.4
13	18.4	18.2	16.9	19.5	26.7	28.9	31.4	28.9	27.0	26.9	17.8	19.4
14	17.5	15.2	19.6	20.9	27.2	28.1	30.5	28.2	27.9	27.3	16.1	15.1
15	15.6	14.4	21.5	22.1	26.6	29.6	30.0	28.3	28.5	27.2	14.9	15.4
16	13.5	17.0	23.7	23.6	24.3	31.3	30.3	27.1	28.8	26.2	18.2	18.6
17	15.6	16.3	23.7	25.1	25.4	30.3	29.4	27.9	29.1	24.5	18.4	20.2
18	17.5	17.8	23.4	26.6	27.2	31.3	30.1	28.7	29.3	25.0	19.2	19.8
19	19.1	20.3	23.0	30.1	26.0	32.5	31.6	29.4	29.0	24.5	19.7	18.0
20	20.5	21.0	24.5	31.5	28.1	32.5	29.7	29.4	28.9	25.6	19.1	17.5
21	21.4	21.0	23.5	33.0	30.5	29.7	26.4	28.7	27.9	26.1	18.5	14.4
22	22.4	21.7	24.9	27.0	28.8	26.8	27.5	29.3	26.2	25.7	19.2	14.8
23	23.5	23.3	27.2	24.1	29.5	27.2	28.5	30.9	26.5	24.5	19.2	14.3
24	23.9	23.1	27.4	23.5	30.4	28.5	29.7	31.9	26.2	24.1	20.6	14.7
25	27.7	18.4	26.9	22.3	30.5	28.7	30.3	29.3	27.2	24.7	20.1	15.8
26	19.3	17.3	22.5	22.5	29.1	29.1	30.8	27.1	27.9	26.0	19.2	15.9
27	15.4	18.2	22.7	24.5	26.6	28.7	30.2	27.6	27.9	26.4	19.9	15.8
28	14.2	18.4	21.9	27.2	24.7	29.8	30.5	25.5	26.9	23.1	20.7	16.2
29	14.3	-99.0	21.8	28.0	27.6	28.7	31.1	27.6	26.5	20.8	21.5	17.2
30	16.7	-99.0	21.5	28.4	28.9	28.6	31.7	27.4	27.1	21.2	22.0	15.8
31	17.4	-99.0	23.2	-99.0	27.2	-99.0	32.4	28.5	-99.0	24.2	-99.0	16.7
2002												
1	18.5	16.1	22.9	23.7	27.7	30.5	30.2	29.6	26.5	26.3	25.5	21.8
2	18.3	13.3	22.7	24.6	26.2	32.6	29.9	29.1	26.5	25.9	24.3	23.4
3	17.5	14.5	22.9	25.7	27.7	27.8	29.2	30.4	26.3	26.6	22.6	23.9
4	17.4	16.4	22.2	27.3	27.3	27.5	30.4	29.7	25.0	27.2	20.7	24.0
5	16.9	16.3	23.1	29.1	26.9	28.7	30.0	29.5	25.8	27.0	20.3	24.6
6	17.7	17.4	17.3	29.7	27.4	29.8	28.9	28.8	27.0	23.3	19.9	25.5
7	18.7	18.7	17.2	28.5	28.4	30.2	29.4	29.4	28.0	24.4	21.5	25.4
8	17.5	19.6	17.5	25.6	27.5	30.5	30.1	29.8	28.1	23.5	22.2	22.1
9	17.5	21.0	19.4	26.0	27.9	30.4	29.6	30.1	26.8	22.5	22.2	14.7
10	17.6	19.4	21.1	25.8	27.3	30.7	30.3	29.9	27.3	22.3	22.8	16.0
11	19.5	16.7	22.0	19.2	27.1	30.6	31.4	30.1	27.9	22.3	23.6	16.2
12	20.3	17.3	22.2	20.8	27.6	29.4	32.0	28.7	28.5	22.3	24.2	16.8
13	21.0	19.4	24.0	22.2	28.6	29.9	32.7	28.0	29.2	23.5	24.7	17.7
14	20.3	20.4	23.8	23.6	28.3	30.9	32.2	28.1	29.2	23.9	26.0	18.6
15	20.5	19.5	24.0	26.4	26.0	32.0	30.5	28.7	27.4	25.4	26.9	19.6
16	20.6	19.7	23.8	28.4	27.3	31.4	30.8	28.4	27.3	25.9	22.9	21.2
17	21.8	19.2	22.8	27.8	26.8	31.8	30.7	27.2	25.9	26.9	19.7	21.9
18	21.0	20.3	19.0	26.2	27.5	31.2	29.8	26.1	22.9	27.9	19.5	23.2
19	22.2	20.2	19.9	26.9	29.7	31.8	31.2	27.5	25.1	28.3	19.4	23.5
20	20.8	21.4	21.8	27.3	30.8	31.8	31.5	27.5	27.3	28.6	20.6	23.8
21	16.0	22.1	23.0	27.4	31.5	31.5	29.4	25.6	27.3	27.4	21.2	23.2
22	14.8	22.0	25.4	27.8	32.4	31.3	28.9	26.4	27.2	26.9	18.9	22.1
23	15.2	21.8	24.1	26.6	28.8	29.9	30.1	27.1	23.1	23.3	20.9	21.6
24	16.8	23.1	21.9	27.2	26.6	28.8	32.0	27.8	24.0	20.7	21.7	20.1

25	18.0	22.2	22.7	27.0	24.4	29.5	31.6	29.0	24.6	21.6	18.0	19.8
26	16.0	23.8	24.8	26.7	26.6	30.1	31.1	28.8	27.4	23.1	16.3	17.0
27	14.7	23.3	25.4	27.5	27.3	30.6	28.8	29.2	28.2	23.6	16.8	11.4
28	14.1	23.3	25.5	27.1	27.6	30.6	26.9	28.9	27.0	25.0	19.2	12.9
29	13.7	-99.0	25.4	26.8	29.2	31.1	25.4	26.9	26.5	26.4	21.2	13.9
30	15.7	-99.0	22.2	27.0	31.6	31.6	26.7	26.7	26.2	26.5	21.5	14.9
31	16.4	-99.0	21.9	-99.0	30.2	-99.0	29.2	26.1	-99.0	25.3	-99.0	15.7
2003												
1	15.7	21.1	24.8	27.2	24.8	26.9	30.0	32.1	29.0	27.5	24.3	19.7
2	17.1	21.2	23.8	29.5	25.7	27.9	29.6	30.4	29.4	26.9	25.3	20.5
3	14.5	18.6	26.0	30.8	27.0	27.3	29.4	28.3	28.9	27.5	25.1	21.0
4	16.0	14.5	27.2	30.1	29.5	27.7	30.3	29.0	26.3	27.3	25.2	20.6
5	14.9	15.7	28.5	22.5	32.2	28.5	30.2	30.2	25.3	27.3	25.5	21.6
6	12.3	15.0	22.3	22.3	33.9	31.1	29.9	31.9	25.8	26.1	24.7	22.6
7	12.9	17.9	18.4	23.7	33.2	31.4	30.7	30.3	26.3	26.0	24.8	22.2
8	13.6	18.1	16.6	24.3	30.5	32.0	31.4	30.2	24.7	26.7	25.0	18.3
9	14.8	20.0	15.4	24.4	28.7	31.7	31.6	31.6	26.3	27.9	25.4	17.0
10	14.1	21.6	16.0	25.5	28.7	33.0	32.0	31.4	24.7	28.9	24.7	17.4
11	14.2	22.4	18.9	27.4	28.4	33.3	31.0	31.0	23.7	29.2	20.7	16.9
12	14.3	23.6	21.0	30.9	28.5	31.0	30.0	30.1	25.3	29.8	19.1	16.0
13	14.8	18.9	23.0	31.2	28.0	32.2	30.4	29.3	25.5	28.9	19.1	16.6
14	16.1	19.5	22.9	24.5	28.5	30.0	27.9	30.9	26.7	23.8	21.6	16.3
15	17.9	20.7	23.6	23.8	30.4	28.6	29.3	31.9	28.0	20.6	21.7	17.6
16	17.9	22.3	23.9	24.9	31.7	27.6	30.9	29.9	28.6	21.7	23.9	17.5
17	18.2	22.1	24.2	26.4	32.3	29.4	31.4	27.3	28.6	23.9	22.2	18.6
18	18.7	22.9	23.9	27.5	32.3	30.1	31.2	28.1	28.8	24.4	22.8	19.4
19	19.1	23.8	22.1	27.4	27.4	31.0	31.5	27.4	28.7	23.6	24.8	18.3
20	17.9	23.5	18.2	27.7	28.0	32.0	30.8	27.2	28.8	25.1	25.5	15.3
21	19.1	23.2	17.5	26.3	28.5	32.2	29.9	29.2	28.8	24.2	25.4	15.1
22	19.4	24.8	18.6	26.7	29.1	31.3	27.0	29.4	28.0	24.6	22.0	16.1
23	20.5	24.2	19.4	26.8	28.6	30.8	28.8	27.2	27.8	25.3	21.1	17.7
24	21.1	24.0	19.3	27.2	30.1	31.5	29.8	27.7	27.4	25.0	22.0	19.5
25	21.5	24.3	20.2	26.9	29.9	33.0	29.1	28.4	24.7	24.6	22.2	20.7
26	21.1	24.6	21.3	26.9	30.6	32.9	30.1	30.2	26.9	25.2	22.0	20.5
27	18.0	24.0	22.5	26.9	31.8	32.1	30.2	30.8	27.4	25.5	22.4	18.4
28	16.1	23.8	22.9	26.7	31.1	30.8	29.2	30.1	28.0	25.0	20.5	17.6
29	17.5	-99.0	23.6	27.0	26.5	29.5	29.1	28.7	28.4	25.2	19.3	18.8
30	18.7	-99.0	25.2	24.3	25.4	29.4	30.1	28.5	27.7	25.1	19.2	19.6
31	19.7	-99.0	25.9	-99.0	27.3	-99.0	31.4	29.1	-99.0	24.3	-99.0	20.0
2004												
1	20.1	20.3	26.8	22.9	27.5	25.6	32.2	26.9	29.2	27.0	24.5	20.7
2	20.3	21.0	21.9	22.5	28.8	27.1	32.7	27.3	28.1	23.0	23.4	21.1
3	21.0	18.8	18.8	21.1	28.2	28.3	32.5	29.0	27.2	21.9	23.4	21.7
4	21.0	14.6	17.6	22.0	26.0	28.5	32.7	30.4	28.4	22.9	24.3	20.2
5	20.8	11.3	17.8	22.7	20.8	29.1	31.9	30.3	30.1	24.8	23.7	19.9
6	20.7	11.0	17.8	24.9	22.7	29.5	30.9	29.9	30.9	25.3	23.2	20.3
7	20.8	11.2	16.6	25.1	24.5	27.7	32.0	29.0	28.6	25.5	24.1	20.2
8	20.4	11.2	16.2	20.7	26.0	28.2	31.9	29.0	26.8	25.1	24.9	16.8
9	20.6	11.8	17.9	18.7	27.7	28.3	31.4	29.2	22.9	25.0	25.1	17.1
10	22.0	13.3	20.1	20.8	29.4	27.0	29.4	29.5	22.7	25.5	25.8	17.8
11	22.6	16.7	20.1	23.3	30.9	26.8	29.6	29.9	25.3	25.6	26.1	19.1
12	20.6	17.6	21.5	24.7	31.6	27.8	29.6	30.8	25.4	25.3	25.8	19.2
13	18.3	18.1	21.8	24.3	29.4	25.7	28.1	30.1	26.6	25.5	25.2	18.5
14	18.1	17.0	21.7	24.5	28.1	26.0	28.8	26.8	26.7	25.8	25.7	19.2
15	21.5	17.9	21.7	24.5	28.3	27.5	29.6	28.5	27.3	26.0	23.9	18.7
16	21.9	18.4	22.8	22.2	28.5	28.9	29.9	28.1	27.2	25.7	17.2	19.7
17	21.9	19.3	22.4	22.2	23.9	29.5	31.2	27.9	27.1	25.0	17.7	20.7
18	22.3	19.4	22.8	23.2	24.3	30.5	32.3	28.1	27.2	25.7	18.8	21.9
19	18.3	20.4	23.6	22.9	25.3	30.9	31.9	28.6	24.7	26.0	21.0	21.7
20	15.9	21.6	23.7	24.3	24.0	31.9	30.5	28.7	25.7	25.8	21.0	20.8
21	11.9	22.2	23.3	26.1	25.7	32.2	28.8	29.3	26.0	26.2	21.6	21.0
22	12.6	22.2	23.2	26.2	26.9	31.7	25.9	28.8	27.0	23.1	20.9	21.4
23	13.3	22.1	22.7	27.4	26.9	31.8	25.8	29.4	27.5	22.6	22.0	20.9
24	11.7	22.0	20.2	27.6	27.4	31.5	25.9	29.9	27.4	22.1	20.8	20.9
25	12.8	21.8	20.2	27.4	27.4	32.2	25.9	30.7	27.4	23.3	19.4	21.4
26	15.9	19.4	19.0	27.5	28.7	31.3	25.1	32.0	27.1	23.9	20.3	21.6
27	15.8	20.9	20.0	25.4	29.8	31.5	26.0	32.0	27.4	22.1	17.2	21.8
28	13.9	22.7	20.6	26.5	30.0	29.6	27.7	29.1	26.7	22.9	18.4	18.2
29	15.7	23.5	21.0	27.1	30.5	30.7	27.9	26.7	26.7	23.8	19.9	16.7
30	17.2	-99.0	20.9	27.2	29.8	32.1	28.1	27.4	27.4	23.3	20.5	17.1
31	18.8	-99.0	21.7	-99.0	28.4	-99.0	27.2	28.5	-99.0	23.9	-99.0	11.9
2005												
1	11.2	17.7	16.0	22.2	31.3	31.5	28.9	29.5	28.3	27.3	20.5	22.4
2	13.5	17.3	16.4	19.4	30.1	32.0	30.0	30.0	29.0	27.6	21.3	23.0
3	16.4	17.2	15.4	20.2	28.1	31.4	30.1	31.1	28.8	27.8	24.3	23.4
4	15.8	18.3	15.1	21.3	28.5	32.6	29.0	31.0	26.6	25.4	24.7	20.9
5	17.1	19.7	14.8	19.6	30.8	33.1	29.3	30.3	25.8	24.9	25.8	17.7



6	17.3	21.0	15.2	22.2	27.9	32.7	30.1	30.8	25.9	26.2	26.3	14.1
7	17.9	22.2	16.6	24.5	26.9	28.0	30.7	28.7	26.5	24.5	26.7	13.0
8	18.3	22.9	18.6	27.5	26.3	29.0	31.9	29.9	26.1	24.1	26.8	14.7
9	18.7	22.8	20.8	32.0	28.8	30.4	32.0	29.7	26.9	24.3	26.6	16.6
10	16.5	21.9	21.2	32.0	31.5	30.9	32.1	28.1	26.1	25.1	26.6	19.3
11	16.0	19.4	22.1	27.0	32.2	30.5	30.5	26.4	26.3	24.4	27.1	18.8
12	15.2	18.7	21.4	22.8	32.8	31.9	29.6	28.3	27.3	23.7	26.8	15.8
13	12.7	20.8	15.8	19.7	32.8	31.8	29.2	29.4	26.8	26.2	26.7	15.5
14	11.7	23.6	15.9	20.6	32.7	32.1	30.6	29.7	26.8	26.7	26.9	14.8
15	13.0	25.6	18.6	21.4	32.7	31.9	30.7	29.6	27.1	26.6	26.2	15.6
16	15.8	25.1	19.4	23.2	32.7	31.1	29.5	28.5	27.6	26.0	24.4	15.1
17	17.1	23.3	20.3	24.0	33.0	30.8	29.7	28.2	28.2	25.6	21.4	17.0
18	17.9	19.8	20.0	25.2	31.6	31.9	31.3	27.4	25.9	25.7	22.4	16.7
19	19.4	16.3	19.4	25.4	31.5	32.6	32.9	27.6	27.4	26.2	17.1	13.9
20	19.4	13.9	19.4	25.7	29.5	33.2	33.0	28.9	27.1	26.6	16.2	15.9
21	20.5	12.7	21.1	25.5	28.8	33.8	31.8	31.0	27.8	25.6	17.0	17.1
22	19.7	14.3	23.5	26.6	30.1	31.7	30.9	31.3	28.0	25.9	17.4	16.1
23	20.1	17.7	21.3	26.4	28.9	31.7	29.8	30.1	28.5	25.9	18.5	15.9
24	22.3	20.1	17.5	27.2	30.9	31.2	27.9	30.1	28.6	22.7	17.8	18.5
25	22.3	20.1	15.9	27.0	31.5	31.5	26.1	29.4	28.8	21.6	19.6	18.7
26	21.8	20.9	17.9	25.8	32.1	30.7	26.0	27.7	26.9	24.1	20.6	18.7
27	21.3	18.7	20.3	26.8	33.6	32.2	28.0	27.8	24.7	24.7	22.2	18.3
28	21.9	15.9	22.2	27.0	32.4	32.2	27.6	28.3	25.7	26.1	22.3	16.7
29	22.6	-99.0	23.3	29.5	28.3	28.1	28.9	27.5	26.5	24.6	22.9	17.3
30	22.0	-99.0	24.3	31.6	28.2	27.9	27.3	25.5	27.6	19.5	22.8	19.1
31	20.1	-99.0	24.5	-99.0	29.3	-99.0	26.0	27.2	-99.0	20.4	-99.0	19.5
2006												
1	20.4	21.8	15.3	23.0	27.0	30.9	29.6	28.0	28.6	27.1	25.1	22.7
2	20.4	22.0	15.8	23.3	28.3	30.4	27.7	28.4	30.3	26.6	23.9	18.9
3	21.1	21.7	16.8	25.0	28.2	31.6	27.2	29.6	31.4	26.1	22.8	17.9
4	22.4	21.1	17.9	26.6	28.5	32.3	27.6	29.4	31.5	25.4	22.9	17.9
5	21.5	19.6	19.7	28.2	29.1	32.8	28.9	29.6	30.5	27.1	23.5	19.4
6	16.3	19.4	19.7	27.6	31.1	33.3	31.8	29.5	28.6	27.1	23.6	20.8
7	11.6	19.4	20.8	25.7	31.3	33.5	31.6	28.9	29.7	27.3	23.8	23.4
8	12.6	19.3	21.6	25.5	29.6	33.7	32.8	28.7	30.9	27.6	23.1	24.3
9	12.3	19.4	22.1	26.2	28.9	34.2	32.0	28.5	28.1	26.8	24.5	24.0
10	14.0	17.7	22.3	29.1	29.8	30.9	32.3	28.7	24.1	26.1	25.5	22.2
11	16.0	17.7	23.6	32.5	28.7	30.0	31.9	28.8	25.1	26.4	25.4	18.9
12	18.9	18.5	23.4	32.8	28.2	32.5	31.5	27.6	25.3	26.8	25.0	20.1
13	20.4	20.0	18.9	28.0	26.4	33.1	32.4	27.9	26.5	27.1	24.9	21.3
14	20.7	22.5	13.6	21.2	22.2	33.5	33.0	27.4	27.0	26.9	24.6	20.3
15	22.4	23.2	16.2	19.3	23.9	30.6	32.6	25.2	26.7	27.2	25.7	19.9
16	22.8	22.6	18.4	20.8	25.3	32.4	32.5	26.3	27.4	26.8	25.7	20.3
17	22.5	20.9	20.8	21.6	27.3	32.2	30.5	28.8	27.8	26.9	25.7	17.3
18	23.3	16.9	21.8	23.2	27.1	30.5	29.9	29.3	28.1	26.9	26.0	15.4
19	22.5	16.8	22.4	25.4	26.9	29.7	30.6	28.8	27.6	27.5	26.4	16.7
20	20.7	17.1	22.4	25.6	26.3	29.6	30.5	28.9	27.0	26.7	26.2	16.8
21	16.6	18.1	24.1	26.5	26.7	28.5	30.6	28.0	25.8	26.6	26.4	16.3
22	14.9	19.2	24.8	28.5	25.5	29.5	30.8	28.3	25.9	26.6	25.1	17.2
23	13.5	18.1	24.7	29.8	26.1	29.2	30.3	28.7	26.1	25.4	26.1	16.1
24	13.4	17.9	21.9	28.3	27.4	29.4	30.8	28.8	25.6	26.1	25.9	18.2
25	15.2	18.3	20.3	27.3	28.1	29.7	31.8	28.7	24.6	26.6	26.8	18.7
26	16.1	18.6	21.1	29.0	30.1	29.4	29.4	29.2	25.6	27.4	27.5	19.7
27	17.5	19.3	21.2	29.7	31.2	30.3	30.9	29.3	25.9	27.3	27.1	20.9
28	17.9	17.6	21.4	28.7	29.9	31.5	30.3	29.4	25.2	24.2	25.2	20.0
29	18.8	-99.0	20.8	22.4	29.1	30.3	29.5	26.2	26.5	25.2	24.5	19.3
30	20.3	-99.0	20.6	24.2	28.7	30.4	27.1	27.1	25.9	25.5	25.3	18.3
31	20.7	-99.0	22.2	-99.0	29.9	-99.0	27.6	28.0	-99.0	25.5	-99.0	18.1
2007												
1	18.8	17.5	24.6	32.5	24.3	31.7	30.3	29.3	30.4	27.8	20.7	20.2
2	20.7	17.2	24.3	32.6	24.7	32.5	30.7	30.3	30.3	24.9	17.6	20.6
3	22.2	16.1	25.6	20.1	25.4	32.2	29.4	30.6	30.0	25.0	18.4	20.0
4	20.5	17.0	24.2	16.7	25.5	30.3	28.9	29.9	28.9	26.7	18.6	19.9
5	16.6	19.4	24.9	17.8	22.1	30.9	28.2	26.9	25.3	26.7	20.2	20.2
6	14.7	21.0	21.8	19.6	23.4	31.9	31.2	27.3	27.0	26.0	20.3	19.3
7	13.9	21.4	17.6	19.9	24.4	33.0	30.3	25.5	28.9	26.6	20.7	19.5
8	14.8	21.5	17.1	20.0	23.9	33.6	31.0	27.5	30.0	27.2	20.8	19.0
9	15.7	21.6	17.6	20.2	24.2	33.9	31.1	28.3	28.8	25.2	22.1	20.6
10	17.3	21.0	19.2	20.8	25.5	31.5	31.3	28.9	27.3	25.5	22.2	22.0
11	18.3	22.4	20.6	21.3	26.3	30.2	32.2	28.2	25.8	24.1	23.0	22.3
12	18.5	21.8	21.2	22.9	26.1	29.5	33.2	29.8	26.2	24.7	21.4	22.9
13	19.1	23.2	22.3	22.4	21.7	31.4	33.4	30.8	26.4	26.5	22.6	22.6
14	19.1	23.1	24.9	23.7	22.9	29.2	33.1	31.8	26.3	25.3	23.5	22.7
15	19.2	24.1	25.6	24.6	26.0	29.6	32.9	29.5	25.0	22.8	23.3	22.4
16	19.6	24.7	24.7	25.3	27.3	30.2	32.8	29.1	26.8	20.2	23.0	23.5
17	20.0	24.4	24.7	26.6	27.2	31.2	32.7	28.6	27.9	21.0	23.1	22.5
18	17.3	24.0	21.3	23.9	28.1	30.3	33.1	29.2	25.7	21.9	21.9	23.1

19	14.5	23.9	18.3	22.9	27.1	29.3	33.0	28.6	26.7	22.5	21.0	22.6
20	15.6	24.3	16.9	24.7	28.7	29.4	32.6	29.3	25.8	23.4	19.8	22.6
21	15.9	24.5	18.1	26.4	31.2	29.5	31.4	30.4	25.5	22.3	19.5	23.7
22	15.2	25.0	20.5	28.7	32.4	29.6	30.7	30.3	24.2	23.9	21.1	25.0
23	15.5	24.2	22.8	31.8	33.2	29.8	31.0	30.3	26.8	24.3	20.4	24.6
24	15.1	24.7	24.8	29.0	33.4	29.4	30.9	30.4	26.4	24.5	20.3	20.2
25	16.3	24.4	24.5	23.5	30.4	30.2	30.1	29.8	23.8	24.8	20.4	18.7
26	16.6	24.1	25.7	24.5	28.1	31.2	29.4	29.6	26.2	25.0	21.1	19.0
27	16.4	23.2	25.4	25.3	27.6	31.3	28.8	29.0	27.3	25.0	19.6	20.9
28	16.1	24.0	24.7	25.9	27.3	31.1	29.0	26.0	27.3	25.0	18.3	21.6
29	15.3	-99.0	25.7	25.0	29.0	32.1	29.1	25.5	27.1	25.4	18.2	18.2
30	17.0	-99.0	27.0	23.0	29.3	31.6	29.7	26.9	27.5	23.8	18.3	17.0
31	17.4	-99.0	29.4	-99.0	30.4	-99.0	28.8	29.1	-99.0	22.6	-99.0	16.1
2008												
1	15.0	11.1	14.7	22.2	27.4	28.0	31.0	30.6	27.6	23.7	26.7	18.3
2	14.4	10.4	15.8	20.4	28.9	27.9	31.0	29.5	28.5	25.4	27.1	18.2
3	14.9	10.3	16.8	20.2	29.0	27.7	30.9	29.1	29.5	26.7	23.5	19.0
4	17.5	12.5	17.2	22.1	28.7	28.2	30.5	29.7	29.2	27.7	22.8	20.4
5	17.4	13.9	18.4	24.1	29.1	29.1	30.5	29.5	28.7	27.4	24.9	20.4
6	19.1	13.8	18.9	25.4	26.4	27.7	29.3	29.8	26.8	25.4	25.8	17.2
7	19.7	14.2	18.8	27.2	26.5	28.7	28.2	29.0	26.8	26.5	26.0	17.2
8	20.0	12.5	19.0	29.9	28.7	29.6	28.0	29.7	27.1	27.2	22.7	17.1
9	21.7	12.2	19.0	30.8	29.1	28.6	28.4	29.0	27.4	26.7	22.7	17.1
10	21.0	12.2	18.5	30.0	23.1	29.9	30.1	28.6	25.4	25.9	20.9	18.4
11	21.6	12.1	20.4	28.3	21.9	29.1	31.3	27.2	24.6	26.1	20.2	18.5
12	21.6	10.9	20.5	28.5	22.4	30.2	30.9	28.1	25.6	24.8	20.4	19.4
13	21.9	11.5	21.9	26.5	23.9	30.8	28.6	29.3	26.1	24.4	21.5	19.6
14	20.8	11.2	20.9	24.7	24.4	30.9	31.0	30.2	26.6	23.2	21.6	20.6
15	16.9	11.7	21.4	26.0	25.4	29.3	31.7	31.5	27.3	22.9	22.9	19.9
16	13.8	13.2	22.6	26.1	26.5	30.7	31.1	32.6	28.3	24.1	23.2	18.5
17	13.4	12.8	23.6	25.6	27.1	29.7	30.9	32.3	28.8	25.0	24.0	19.9
18	14.2	13.0	24.0	26.0	29.2	29.3	30.0	29.7	29.0	25.7	24.3	19.1
19	17.8	13.2	22.6	26.8	24.9	28.9	29.9	25.4	27.8	24.4	22.5	19.1
20	20.1	13.6	23.1	28.5	22.6	30.4	31.1	27.8	28.3	24.9	16.9	19.5
21	22.3	15.1	24.8	28.7	25.0	31.2	32.0	29.2	27.9	25.2	19.2	20.3
22	20.6	15.7	22.5	27.6	26.8	32.2	32.7	30.9	28.6	25.7	20.6	21.3
23	15.9	19.1	20.2	25.0	27.8	33.4	31.8	31.3	29.4	26.3	21.5	16.7
24	15.3	19.6	19.7	20.1	29.3	32.0	30.7	28.8	30.2	25.9	21.8	15.4
25	14.6	20.0	21.2	20.8	30.2	32.5	29.2	29.4	30.9	26.3	19.7	16.0
26	15.0	17.9	20.3	21.9	31.2	32.8	28.9	30.1	30.9	25.2	20.6	17.3
27	15.8	13.5	20.7	24.2	31.5	32.5	28.7	29.6	27.6	26.2	21.1	16.7
28	16.6	13.9	23.1	23.6	30.5	30.0	30.0	29.6	26.2	25.7	19.4	18.9
29	16.0	14.6	26.8	24.1	28.0	29.3	30.3	30.5	26.8	24.7	17.4	20.3
30	15.5	-99.0	26.6	25.4	28.0	29.7	31.0	31.1	25.3	25.1	17.5	19.3
31	13.2	-99.0	24.7	-99.0	24.5	-99.0	30.9	30.0	-99.0	25.9	-99.0	16.8
2009												
1	13.9	18.2	22.7	19.4	25.3	28.1	32.6	-99.0	28.6	26.5	25.1	21.6
2	14.5	19.3	19.6	19.9	25.1	-99.0	32.2	-99.0	27.0	26.9	25.2	20.7
3	15.8	20.0	20.4	21.2	24.4	29.6	-99.0	30.1	27.6	-99.0	22.1	21.3
4	17.3	20.2	21.9	23.0	24.6	28.1	-99.0	31.4	27.3	-99.0	18.6	20.1
5	18.7	21.1	23.4	23.7	25.4	29.6	-99.0	32.1	27.7	27.2	21.2	20.3
6	19.3	20.6	19.1	20.3	25.9	29.8	29.1	31.4	28.8	-99.0	22.5	19.9
7	19.2	19.8	16.6	21.4	27.4	31.3	-99.0	28.9	28.8	26.2	24.4	-99.0
8	18.0	20.2	17.8	21.8	28.1	32.3	-99.0	25.7	28.1	26.0	25.7	23.0
9	15.2	20.4	18.8	22.7	28.3	32.9	-99.0	26.6	28.5	26.9	26.4	22.9
10	14.0	20.1	19.6	24.4	28.0	32.7	-99.0	26.4	29.0	27.7	26.9	22.5
11	14.0	20.7	22.1	25.1	28.1	32.1	31.7	27.4	28.5	27.8	28.2	22.0
12	15.2	23.8	22.8	26.5	27.3	32.4	28.1	28.6	29.8	27.1	28.5	23.2
13	14.8	28.4	22.8	27.3	27.0	32.1	29.8	29.0	28.9	-99.0	24.2	23.0
14	13.7	26.4	17.0	26.1	27.3	32.2	29.6	-99.0	29.7	26.3	21.3	23.2
15	15.0	23.2	17.1	27.5	27.2	30.6	30.0	-99.0	30.7	24.0	22.8	23.8
16	15.2	23.6	19.1	28.8	27.7	28.4	27.2	-99.0	30.4	23.3	21.7	21.8
17	17.1	24.3	21.7	27.3	28.1	28.0	28.1	28.7	29.4	25.8	16.5	18.2
18	18.8	23.2	23.2	28.9	28.5	31.5	28.5	28.4	30.1	25.9	14.8	15.9
19	19.3	24.2	24.6	32.1	27.2	31.7	30.6	29.1	31.1	25.7	14.2	14.5
20	19.7	24.6	24.5	29.1	27.6	32.5	30.7	29.5	31.7	26.8	14.8	13.9
21	20.8	24.0	25.8	26.8	26.9	32.9	27.7	29.3	29.7	24.4	14.9	14.3
22	20.6	24.6	27.8	26.9	26.3	32.9	28.9	-99.0	26.4	23.3	16.6	16.2
23	20.0	26.6	29.0	27.6	27.1	32.3	30.8	-99.0	26.4	23.2	18.0	18.5
24	15.7	26.5	26.3	29.0	27.8	32.3	32.2	29.0	24.8	-99.0	19.3	21.0
25	13.4	25.5	22.4	25.1	28.5	32.9	32.4	29.6	26.4	-99.0	20.8	21.8
26	14.2	25.0	22.5	23.5	28.6	31.2	32.3	-99.0	25.7	26.1	22.1	23.0
27	13.4	25.0	23.4	22.7	29.1	30.8	32.4	30.2	26.5	26.2	23.2	23.1
28	15.5	24.6	26.3	23.8	31.2	30.9	31.6	29.7	27.0	25.8	-99.0	17.5
29	16.2	-99.0	25.3	24.0	26.8	31.7	29.4	-99.0	26.2	25.2	22.4	18.2
30	16.6	-99.0	22.7	24.0	23.8	32.7	28.3	-99.0	24.1	25.0	21.3	19.4
31	16.7	-99.0	20.2	-99.0	26.5	-99.0	29.1	-99.0	-99.0	25.0	-99.0	19.8

## 2010

1	20.3	22.9	25.1	25.2	26.0	33.3	28.5	28.7	27.8	26.7	18.3	20.0
2	20.3	24.0	29.3	24.8	26.7	30.2	30.7	27.7	28.8	25.9	19.4	19.7
3	19.4	24.0	29.0	21.3	27.2	24.9	31.5	27.7	28.4	25.0	21.5	20.1
4	20.3	24.1	28.5	22.4	28.2	25.6	32.0	28.2	29.7	23.2	20.8	19.9
5	22.2	23.4	29.8	23.9	31.8	27.3	33.9	28.0	30.3	22.0	21.4	22.0
6	22.0	24.4	30.3	24.9	34.1	28.1	34.3	27.7	29.0	23.2	-99.0	22.6
7	19.1	24.5	23.3	24.0	33.1	29.3	34.2	29.1	30.6	27.3	22.5	22.6
8	17.0	24.8	21.2	21.7	32.1	31.6	33.8	27.8	31.1	27.0	22.3	18.2
9	19.0	24.9	16.0	22.0	31.8	31.8	34.2	28.1	28.9	25.4	22.3	18.2
10	21.3	26.4	13.4	24.8	28.1	31.8	33.1	27.9	30.3	25.3	23.1	20.8
11	20.3	27.0	16.0	30.5	27.9	31.9	32.7	28.0	30.0	28.0	22.0	22.4
12	16.1	22.7	18.3	30.6	28.3	32.8	32.9	28.5	28.5	27.4	22.2	24.3
13	13.4	18.8	20.5	26.6	29.1	33.2	32.2	28.3	27.6	27.4	21.7	25.2
14	14.7	19.4	23.8	26.9	30.9	33.0	28.9	29.1	27.9	26.5	21.4	25.1
15	16.3	18.6	24.7	23.7	29.0	32.7	29.9	29.7	27.1	25.8	22.1	25.7
16	-99.0	16.3	22.2	18.9	29.9	33.2	29.8	29.1	26.0	23.8	23.3	16.2
17	16.9	14.5	19.6	20.0	30.6	34.3	26.6	29.4	27.3	22.0	21.0	14.4
18	16.8	12.6	20.6	22.2	30.6	34.0	28.2	29.2	28.2	23.6	21.0	16.7
19	18.1	12.3	22.1	25.1	30.9	33.5	30.5	29.3	28.1	23.5	22.1	18.2
20	19.1	14.0	23.7	27.6	33.2	32.9	30.9	28.6	29.7	24.9	21.7	19.9
21	20.4	16.5	24.1	29.6	33.4	30.4	29.9	26.0	31.1	24.5	22.5	19.7
22	21.3	18.3	24.7	27.8	32.9	30.1	28.9	27.9	29.6	24.2	24.0	19.5
23	17.5	19.5	25.5	22.0	31.6	30.6	29.4	27.0	27.5	23.7	24.1	20.5
24	17.5	23.0	26.9	21.5	27.0	32.1	30.1	25.0	26.9	25.3	23.7	21.6
25	17.8	27.3	21.1	23.7	28.0	32.1	29.8	28.1	27.6	26.4	23.4	22.6
26	16.8	28.4	19.3	24.8	30.1	32.8	28.7	29.3	28.4	25.7	-99.0	15.5
27	19.0	27.5	17.9	22.6	31.0	33.1	26.5	28.9	27.3	23.4	-99.0	16.1
28	20.6	24.9	18.8	23.9	-99.0	32.9	28.3	25.9	26.9	17.8	-99.0	17.5
29	20.8	-99.0	21.1	24.1	-99.0	33.4	30.9	24.8	26.8	17.4	22.2	19.0
30	-99.0	-99.0	22.5	25.3	-99.0	31.6	31.4	26.6	25.8	19.1	22.2	21.1
31	23.2	-99.0	24.7	-99.0	31.7	-99.0	31.7	28.0	-99.0	19.4	-99.0	19.7

## 2011

1	19.5	12.8	20.7	18.4	28.4	28.0	27.5	27.5	30.9	22.8	24.1	21.8
2	20.0	13.5	19.8	20.1	28.8	28.4	29.9	25.9	30.5	24.2	24.0	16.6
3	20.4	15.8	18.5	20.5	28.8	29.1	30.8	27.8	30.1	21.7	23.3	17.4
4	16.8	17.2	16.6	21.2	25.2	30.5	31.0	30.4	28.5	22.0	24.2	19.4
5	16.1	18.4	17.8	19.3	24.5	30.7	31.2	31.8	28.0	20.0	24.2	20.1
6	16.1	18.4	20.2	19.6	27.0	31.1	32.2	30.1	28.5	20.3	24.4	19.7
7	12.6	19.6	18.4	20.5	28.9	31.9	33.7	29.1	29.7	21.2	25.4	20.4
8	13.0	19.7	16.1	21.4	30.8	31.9	32.7	29.5	29.5	22.3	24.3	19.3
9	13.8	20.7	16.4	19.9	31.3	32.3	30.5	30.2	27.0	24.8	24.1	15.1
10	11.9	20.3	16.3	21.1	31.4	32.4	31.1	28.0	26.1	25.9	22.5	13.5
11	10.7	20.8	17.1	20.7	32.0	32.4	30.4	27.5	25.1	26.5	21.4	14.2
12	10.4	17.1	17.7	21.7	30.7	31.1	30.7	29.2	25.8	25.8	22.5	13.5
13	12.8	15.9	19.2	22.2	25.8	30.9	29.2	29.3	26.2	24.9	22.9	14.5
14	15.0	14.1	20.1	23.1	25.4	31.1	26.7	29.4	27.3	24.4	23.4	17.9
15	14.7	15.0	20.6	24.6	27.1	31.6	26.1	28.9	27.1	24.4	23.7	17.2
16	13.4	16.4	12.5	25.6	26.4	32.8	28.3	27.1	27.2	22.6	24.1	15.2
17	13.4	16.9	11.0	25.6	25.7	31.9	29.3	27.0	27.8	23.1	24.6	14.6
18	13.7	16.9	12.8	24.2	26.3	30.8	30.1	27.0	28.4	24.3	24.4	15.3
19	14.9	17.0	16.2	23.7	25.5	30.3	30.3	26.7	28.5	23.9	24.6	15.9
20	15.0	16.2	19.0	23.6	27.3	28.6	30.0	27.0	26.0	23.3	24.2	16.7
21	12.6	16.2	20.9	25.3	30.1	29.6	30.5	27.1	25.4	24.3	22.5	18.1
22	13.6	17.1	19.2	25.8	31.7	31.3	30.6	28.6	24.2	24.5	22.9	18.1
23	14.2	17.7	15.8	23.8	26.7	30.9	30.3	29.8	24.6	25.4	22.9	17.8
24	13.3	19.2	15.6	23.5	23.5	26.7	29.5	28.9	25.5	24.9	20.5	15.0
25	13.0	20.0	14.5	23.7	23.8	28.5	29.8	28.4	25.7	24.9	20.9	14.4
26	13.3	21.0	13.9	24.9	25.2	30.3	30.3	27.9	23.9	25.2	21.7	13.8
27	14.2	20.6	13.8	26.5	26.2	30.9	30.2	28.8	24.0	25.4	22.8	15.8
28	14.1	20.9	14.3	26.4	26.4	30.2	29.9	29.1	26.2	25.7	23.5	16.2
29	11.9	-99.0	14.4	26.1	26.2	30.3	28.9	29.4	27.7	24.4	24.1	17.4
30	12.0	-99.0	13.7	27.0	27.0	27.7	25.4	30.3	25.0	22.5	24.0	17.7
31	12.8	-99.0	16.6	-99.0	27.3	-99.0	28.2	30.8	-99.0	24.2	-99.0	16.6

## 2012

1	16.9	15.9	17.3	20.5	32.4	26.8	27.8	29.9	29.2	22.9	22.5	26.6
2	18.0	16.4	18.4	22.2	33.5	27.4	26.1	30.8	26.6	25.9	22.5	22.2
3	18.5	15.8	18.8	21.6	33.3	27.9	27.4	30.7	26.5	27.0	24.3	19.9
4	16.5	16.1	22.1	23.5	32.0	29.5	28.1	31.5	26.1	27.6	24.6	20.0
5	12.6	18.2	23.3	23.9	29.1	31.2	28.8	32.2	26.1	27.8	24.5	19.5
6	14.0	21.3	25.3	23.0	28.0	30.9	28.8	31.3	25.0	27.0	25.8	19.1
7	15.0	18.3	23.9	21.6	27.9	28.6	29.9	29.5	25.7	27.4	25.6	19.5
8	15.0	15.6	20.7	22.9	28.3	28.7	29.2	27.7	26.6	25.3	26.6	19.9
9	15.3	16.0	18.3	-99.0	28.6	30.2	30.3	28.8	27.0	25.8	27.3	21.4
10	15.7	17.0	16.3	-99.0	29.8	31.8	31.1	29.4	27.1	26.0	28.1	22.3
11	15.4	15.6	16.2	-99.0	26.0	32.4	30.8	30.3	28.3	26.2	25.2	23.0
12	15.4	16.1	15.9	-99.0	26.0	32.5	30.7	31.0	28.3	26.5	20.9	22.0

13	15.8	17.7	16.3	27.8	30.1	32.5	31.1	29.9	28.0	26.8	21.8	21.0
14	17.7	19.3	17.0	27.1	30.9	-99.0	32.2	30.2	22.5	26.8	23.7	22.8
15	18.3	20.1	18.1	27.9	26.7	29.4	31.4	29.5	23.3	26.2	25.0	24.8
16	21.0	19.0	19.7	27.1	25.8	28.8	32.7	28.8	25.6	25.9	24.4	24.8
17	19.4	16.1	21.5	27.6	27.5	30.0	32.3	27.6	27.3	26.1	22.1	24.3
18	19.9	14.8	22.8	28.7	28.2	30.4	32.3	28.7	27.5	23.6	22.5	24.1
19	20.8	-99.0	23.0	29.7	29.4	32.0	31.6	29.6	27.9	25.2	23.6	18.8
20	21.2	15.2	23.8	29.8	30.9	31.8	31.3	29.9	28.3	26.3	24.6	21.7
21	22.7	18.0	24.8	25.7	31.8	30.8	32.2	30.3	28.7	26.3	26.0	24.0
22	19.6	20.4	26.7	25.0	29.5	30.3	33.6	29.1	28.5	26.6	27.4	12.6
23	14.8	20.2	22.4	27.0	28.4	30.8	28.5	26.4	28.7	24.9	26.9	12.6
24	14.9	20.0	18.1	31.9	29.8	29.5	28.8	26.5	28.9	25.7	23.5	15.2
25	13.5	20.2	18.5	33.3	29.6	28.3	29.5	27.7	28.7	26.2	24.6	17.4
26	12.9	17.7	19.0	27.3	27.8	30.2	30.0	29.1	27.1	25.8	24.9	18.8
27	15.1	15.4	19.9	24.4	26.5	31.5	30.7	30.2	26.1	24.7	19.0	19.2
28	16.8	15.0	20.7	28.2	27.0	31.4	31.0	29.8	26.0	24.3	21.0	19.7
29	16.7	-99.0	21.7	30.3	27.9	31.3	30.1	30.2	24.9	26.9	23.0	21.2
30	15.8	-99.0	22.4	31.2	28.3	30.4	28.5	30.8	25.7	26.5	25.1	15.7
31	14.9	-99.0	20.4	-99.0	26.0	-99.0	27.5	31.2	-99.0	24.0	-99.0	12.6

7777 HUONGKHE

1961

1	17.1	12.7	20.9	19.5	26.2	30.5	28.9	30.5	24.2	24.4	23.6	23.0
2	19.4	12.6	21.0	21.7	25.7	31.0	29.6	31.0	26.1	25.6	23.8	23.3
3	20.3	13.9	21.7	23.4	25.4	27.8	30.3	30.7	27.9	26.2	23.5	22.3
4	19.4	17.2	22.0	26.1	23.3	24.2	30.1	30.5	26.9	25.6	20.3	20.1
5	18.8	21.5	22.5	26.7	23.7	26.0	29.2	30.2	26.7	25.4	19.9	16.4
6	16.0	22.8	22.9	25.0	24.9	26.7	30.2	30.2	26.2	24.4	19.3	15.4
7	14.6	20.0	22.9	26.3	25.9	-99.0	31.0	29.8	26.7	23.4	20.6	15.9
8	16.9	17.5	24.1	25.7	26.6	27.0	30.5	28.9	25.6	24.5	22.3	15.3
9	21.3	19.0	19.3	23.2	29.0	27.8	30.9	28.3	24.5	25.5	22.6	17.1
10	21.3	21.8	17.4	22.3	30.3	27.9	29.6	29.2	25.8	24.4	22.2	18.3
11	15.7	21.7	18.4	25.4	30.4	26.5	30.0	29.5	27.5	24.8	23.3	18.5
12	13.7	20.7	19.4	26.1	23.0	26.1	31.3	29.7	27.2	23.5	23.5	19.1
13	11.9	18.6	22.6	26.4	25.3	27.8	31.0	27.5	26.7	19.9	22.6	19.0
14	11.7	18.6	23.1	26.2	26.5	25.4	31.8	27.1	27.2	20.8	22.3	20.3
15	13.1	17.2	20.6	24.6	26.8	27.8	30.2	26.4	25.6	22.6	23.1	21.7
16	13.0	15.8	19.4	23.8	26.9	29.8	30.4	25.9	26.5	24.0	23.6	23.3
17	11.6	12.3	21.7	27.1	27.2	27.0	28.0	28.0	26.2	24.8	24.6	23.8
18	11.7	13.0	24.4	28.3	26.7	27.8	25.8	27.8	26.4	25.1	24.3	23.9
19	13.6	17.2	25.5	27.1	27.5	27.9	27.1	26.3	26.9	23.7	24.3	23.9
20	15.8	19.0	26.6	28.4	30.2	27.2	26.7	24.7	26.3	24.2	20.2	23.9
21	17.2	19.5	25.6	30.3	29.0	27.6	27.6	24.8	27.7	24.6	19.9	23.0
22	17.5	18.5	26.3	29.9	27.6	28.0	28.3	26.7	26.8	23.8	18.0	20.2
23	19.1	17.1	26.7	30.5	24.7	28.2	29.1	27.2	25.2	24.4	19.1	20.1
24	19.4	15.7	26.3	30.2	25.3	29.1	30.0	28.3	24.1	24.8	18.0	21.0
25	19.1	16.0	20.8	30.4	26.0	25.8	31.2	27.9	25.3	25.0	17.3	22.4
26	17.4	16.8	18.3	22.6	25.8	27.0	29.9	28.8	27.8	23.9	17.9	22.2
27	18.5	16.3	17.4	21.1	25.8	29.0	30.7	28.1	28.6	24.5	21.2	22.1
28	19.4	19.0	16.1	22.7	26.6	29.2	30.7	28.8	28.4	25.4	22.9	18.9
29	21.1	-99.0	18.0	23.1	26.5	26.3	29.6	27.0	28.0	25.0	24.2	16.7
30	22.2	-99.0	19.0	25.2	29.6	26.6	29.3	26.8	26.3	24.8	23.6	16.9
31	17.6	-99.0	18.4	-99.0	31.0	-99.0	28.8	24.8	-99.0	23.6	-99.0	14.5

1962

1	11.6	13.5	15.0	24.9	27.4	26.6	30.5	27.0	27.3	24.4	26.8	13.8
2	11.2	15.1	14.6	27.0	28.3	26.7	30.7	27.5	28.5	25.0	26.1	12.7
3	11.7	14.5	15.8	20.4	28.4	28.7	29.4	27.0	26.5	26.5	24.9	13.6
4	13.5	13.9	17.6	17.6	29.1	27.9	28.0	25.9	24.6	25.5	18.2	14.8
5	14.7	14.3	19.3	21.5	29.5	28.2	28.6	26.2	22.8	25.5	19.0	14.1
6	16.0	14.7	21.7	24.4	27.3	29.5	28.5	26.7	24.1	25.0	21.3	14.9
7	18.1	16.5	23.0	26.9	28.3	28.3	28.5	26.6	24.9	25.3	22.3	16.7
8	15.8	17.8	23.3	25.3	29.1	27.1	28.2	26.3	24.2	24.4	20.5	16.8
9	13.7	18.7	23.9	23.7	27.2	27.8	29.3	25.8	23.6	25.6	21.3	18.2
10	14.9	21.4	22.6	23.7	24.7	26.2	29.6	26.9	24.3	24.9	20.4	20.1
11	16.9	22.2	21.5	25.0	25.8	28.6	25.7	27.1	25.2	26.1	20.5	18.8
12	19.1	22.2	21.5	25.5	26.7	29.0	24.7	28.4	25.9	26.3	20.7	19.9
13	18.4	22.4	21.6	22.7	27.0	29.7	26.0	27.9	26.4	26.9	22.1	20.9
14	19.2	17.8	23.4	19.3	27.7	28.2	26.0	27.7	26.4	25.9	21.6	21.7
15	20.6	14.5	22.8	22.1	27.9	28.0	27.9	27.3	25.9	20.2	23.1	21.2
16	18.1	14.8	23.2	24.5	27.5	26.8	27.1	28.1	25.1	20.7	23.9	20.6
17	15.6	16.0	23.2	26.1	27.8	24.7	26.5	28.4	25.7	20.9	23.4	19.6
18	14.5	16.6	23.8	21.0	24.5	26.0	26.7	28.0	25.0	23.2	23.0	19.7
19	12.6	15.7	27.4	21.3	22.5	28.1	27.8	27.6	26.2	23.2	22.8	21.0
20	12.1	16.0	28.5	21.9	24.5	29.2	30.0	28.8	26.4	22.4	22.1	18.7
21	13.5	18.0	28.2	25.6	25.7	30.2	31.2	28.3	26.7	20.4	23.0	18.0
22	14.7	19.6	21.4	25.6	26.6	30.4	31.0	29.4	24.5	20.7	20.9	16.3
23	14.3	19.6	17.1	24.6	27.0	30.6	30.2	28.4	25.7	21.2	17.7	16.7
24	14.3	20.9	13.5	25.2	27.1	30.9	29.7	25.4	25.6	20.7	18.6	15.2

25	15.0	23.1	14.2	21.3	28.8	28.2	29.6	25.5	24.9	21.9	21.3	16.6
26	14.2	21.0	16.7	23.4	31.1	30.6	29.6	27.3	24.1	19.9	21.0	18.2
27	12.4	18.6	17.0	24.4	31.0	31.6	30.4	27.6	23.4	20.7	17.9	20.4
28	13.2	17.5	18.1	25.4	31.8	29.6	28.7	28.6	24.6	21.7	15.2	20.4
29	16.7	-99.0	17.9	24.3	32.5	30.4	27.8	29.3	24.6	22.6	13.8	20.7
30	15.3	-99.0	17.1	25.1	29.5	29.3	29.0	29.0	24.2	24.3	13.1	17.5
31	13.3	-99.0	20.3	-99.0	28.2	-99.0	27.2	26.3	-99.0	25.3	-99.0	16.1

1963

1	17.7	16.5	17.3	22.4	25.8	30.7	28.6	27.5	27.6	24.2	22.1	22.0
2	16.5	14.9	17.8	22.4	26.3	28.4	29.4	26.4	27.4	24.3	22.8	21.4
3	16.8	18.4	19.9	22.5	25.2	25.8	28.7	25.6	27.4	24.8	22.6	17.1
4	18.4	18.3	20.6	24.9	27.1	25.9	26.1	26.8	27.4	25.0	22.6	16.4
5	15.8	20.0	20.6	25.4	27.0	27.1	28.0	26.6	27.7	23.1	22.6	18.7
6	14.1	20.1	19.8	24.2	27.9	27.2	28.4	26.4	27.6	22.3	22.7	20.5
7	13.9	21.0	20.0	24.0	29.0	28.7	29.3	26.1	26.7	23.4	23.6	21.7
8	13.6	19.8	20.7	16.5	27.1	27.5	29.9	26.2	24.9	25.0	23.7	22.6
9	15.6	15.1	22.5	16.3	27.9	27.0	30.6	25.4	24.6	25.6	23.1	22.7
10	15.3	15.1	23.8	17.8	29.2	25.1	31.6	25.6	27.5	26.5	23.5	18.2
11	14.1	13.9	23.5	20.2	29.8	26.4	31.6	26.9	28.1	26.2	23.3	15.3
12	13.0	13.8	22.6	22.1	27.5	26.9	29.0	27.5	27.3	26.7	24.5	15.1
13	12.8	14.9	17.4	23.7	29.9	29.1	29.4	28.3	28.1	24.5	24.3	16.5
14	11.8	15.8	15.5	24.0	28.9	27.8	27.9	29.1	28.8	23.9	24.7	18.8
15	10.0	16.2	14.2	25.5	28.8	27.4	26.8	29.4	28.6	24.7	24.1	20.6
16	11.1	16.8	15.5	27.3	25.6	24.6	27.8	29.5	27.8	25.2	23.9	21.6
17	12.2	19.6	17.1	26.7	27.5	26.8	29.7	29.6	27.7	21.8	24.3	20.4
18	13.2	19.7	18.8	26.6	26.3	28.7	30.0	28.2	25.1	21.3	24.5	18.0
19	14.4	19.8	20.2	28.8	26.5	27.2	28.0	28.5	27.6	20.9	24.5	18.2
20	16.8	19.8	21.0	29.1	27.9	27.4	28.9	27.7	25.9	20.4	23.0	17.4
21	17.3	17.7	23.4	29.6	25.4	28.0	26.6	27.8	26.8	19.6	24.3	16.2
22	16.9	15.3	22.0	27.2	25.1	27.3	27.0	28.0	25.1	19.8	24.4	15.3
23	16.7	15.6	21.9	25.2	27.0	26.3	27.9	26.5	25.2	20.6	24.0	16.7
24	14.5	16.5	21.7	25.6	26.4	26.3	25.7	26.6	24.6	22.4	23.6	18.6
25	13.8	17.7	23.9	24.9	27.7	26.8	25.1	27.0	22.7	22.9	19.8	18.7
26	12.9	16.7	24.2	25.5	27.2	27.9	25.7	27.4	23.5	21.0	20.2	18.4
27	12.5	16.7	24.7	24.6	26.3	28.1	24.9	27.2	25.2	21.8	18.9	16.0
28	13.6	15.2	19.2	25.2	26.6	28.8	25.3	25.9	25.4	22.0	20.6	16.2
29	16.2	-99.0	18.7	24.9	26.9	29.0	27.2	27.1	24.2	21.2	22.8	18.3
30	16.7	-99.0	18.9	25.6	28.9	29.3	27.4	24.1	25.6	21.5	22.2	20.2
31	15.6	-99.0	21.1	-99.0	30.8	-99.0	28.3	27.0	-99.0	22.8	-99.0	22.2

1964

1	22.8	14.1	16.8	22.2	24.4	29.9	27.4	31.8	26.6	22.0	23.9	23.0
2	19.4	14.8	18.0	24.3	24.9	28.3	26.9	31.4	27.6	22.5	23.8	22.2
3	16.5	15.0	19.6	24.3	25.5	28.3	26.5	31.7	27.6	24.0	23.6	18.6
4	17.2	15.8	21.5	28.6	24.6	23.6	27.6	30.0	27.3	25.4	21.6	14.2
5	18.6	17.0	23.6	29.0	22.8	21.0	25.8	26.2	27.4	25.4	22.4	14.7
6	19.7	18.5	22.8	26.3	23.8	24.9	27.5	25.1	27.9	25.0	22.2	15.5
7	21.1	21.2	20.8	24.6	25.0	27.0	27.2	25.8	27.3	24.0	20.2	16.6
8	21.0	22.7	19.2	24.7	25.4	27.8	26.7	28.4	26.2	22.3	19.5	18.3
9	22.2	22.6	17.8	25.0	27.5	28.5	26.7	28.0	26.8	22.6	18.3	20.7
10	21.6	21.8	17.2	26.0	28.4	29.3	28.5	28.6	26.6	22.2	18.1	20.5
11	21.0	22.7	17.8	24.2	22.5	29.5	28.3	29.4	27.8	24.3	17.8	18.9
12	21.2	17.5	19.4	25.0	22.3	29.3	27.1	30.0	28.5	25.1	18.6	19.3
13	22.9	15.9	20.0	26.1	23.9	30.6	27.0	25.9	25.6	25.6	19.1	19.3
14	22.0	17.9	19.9	26.1	26.2	29.4	28.1	26.2	25.2	25.9	18.8	19.3
15	21.3	19.7	20.6	25.7	27.0	30.1	30.2	25.3	25.4	24.8	18.5	15.9
16	21.1	21.0	20.8	26.7	27.2	31.4	30.5	27.9	24.6	25.8	18.9	15.4
17	21.4	21.4	22.2	24.4	28.4	31.3	30.3	28.3	25.9	27.0	19.4	14.0
18	16.2	19.2	22.7	24.7	30.4	30.9	30.8	29.0	26.5	25.4	18.2	13.1
19	13.6	18.3	24.7	25.8	30.0	30.8	31.2	28.8	26.3	25.8	17.5	12.0
20	14.4	14.4	24.6	26.2	28.6	27.4	29.9	28.7	26.7	25.7	19.4	14.6
21	17.7	12.3	25.6	25.5	28.0	28.6	29.6	27.4	26.4	24.1	19.4	16.3
22	23.1	14.0	25.1	25.9	28.0	28.3	27.7	27.3	23.8	24.5	17.5	17.0
23	21.3	14.1	24.8	25.9	26.7	28.0	26.6	26.8	25.2	22.6	16.9	19.4
24	15.9	12.3	22.0	26.9	27.3	28.4	27.4	24.8	26.1	22.4	17.2	19.6
25	14.6	9.9	15.2	27.3	26.6	28.7	27.3	28.2	25.7	20.8	17.0	18.8
26	14.7	9.8	16.0	27.5	27.0	29.4	28.3	27.9	25.7	22.4	16.9	18.0
27	15.0	11.8	19.1	27.4	25.4	30.5	28.4	27.5	25.1	22.8	18.3	15.1
28	14.3	14.4	19.8	26.6	25.7	31.1	29.2	27.6	24.2	23.4	19.8	14.5
29	13.8	-99.0	20.4	25.6	28.1	31.6	30.7	26.7	22.8	24.3	20.4	16.0
30	12.6	-99.0	20.4	25.8	26.9	28.5	32.0	26.9	21.8	24.1	22.5	17.7
31	12.9	-99.0	21.5	-99.0	28.7	-99.0	32.5	26.3	-99.0	23.0	-99.0	16.4

1965

1	16.7	19.5	19.7	26.0	23.6	26.7	28.3	27.9	28.2	26.5	25.1	18.2
2	17.2	18.0	21.6	28.9	21.6	27.8	28.7	28.3	24.7	26.5	25.4	20.4
3	19.2	16.9	22.1	30.8	22.6	28.7	30.3	28.4	26.1	26.4	24.9	21.4
4	19.5	18.7	17.9	29.7	24.4	29.3	31.5	30.1	27.7	26.9	24.5	21.3
5	20.0	21.3	16.9	26.5	25.0	26.8	29.6	30.0	28.5	26.7	23.7	22.8

6	21.2	16.8	16.2	22.6	27.0	27.5	31.2	30.3	27.7	26.8	25.0	23.0
7	17.0	16.8	14.4	24.4	28.2	27.7	28.2	28.7	25.2	28.0	25.4	20.0
8	14.6	19.0	13.6	24.2	29.8	27.7	29.9	30.1	25.6	27.3	24.3	19.1
9	16.4	20.9	14.6	25.5	30.0	27.8	29.8	30.3	26.0	26.6	23.0	18.9
10	16.8	21.9	16.9	25.6	31.1	25.7	29.8	29.7	26.2	25.8	20.5	20.0
11	15.5	22.7	18.6	20.8	31.1	25.7	27.0	29.3	26.2	23.7	20.8	18.8
12	14.5	22.7	18.9	20.3	29.9	25.1	24.4	28.0	26.5	25.1	22.3	18.5
13	15.1	22.1	19.3	21.4	31.3	25.7	25.8	28.3	25.2	26.4	22.3	20.9
14	14.7	21.4	19.7	23.7	33.3	26.6	27.5	27.5	23.6	22.8	22.5	22.1
15	15.4	21.7	19.9	25.8	32.2	27.7	29.7	26.9	25.0	21.4	24.1	22.0
16	15.5	23.0	19.9	26.6	25.2	29.2	30.5	27.9	24.7	22.5	24.8	22.4
17	16.7	23.1	19.5	27.5	26.3	29.3	29.3	28.5	23.6	21.1	24.4	12.4
18	15.9	23.7	19.7	22.8	27.2	29.3	29.2	25.1	24.2	21.8	24.7	11.6
19	16.7	24.3	20.5	24.2	25.9	27.5	30.5	24.6	24.9	22.5	23.8	14.0
20	16.8	24.7	22.7	26.2	26.4	25.3	31.7	25.9	24.1	21.6	20.9	17.3
21	18.0	24.8	24.8	28.0	26.8	26.4	30.3	26.9	25.2	21.3	20.3	19.9
22	19.0	24.4	25.0	28.7	26.1	25.8	26.3	26.3	25.4	21.5	20.3	21.3
23	17.7	22.3	24.3	28.7	26.0	26.5	28.9	26.5	26.0	22.7	21.0	22.5
24	17.7	19.5	25.2	29.2	26.2	27.2	28.6	26.8	24.6	24.2	22.5	19.8
25	17.5	17.3	25.7	27.8	26.4	28.8	25.7	27.3	24.4	25.2	19.6	17.6
26	18.0	15.3	26.2	27.3	26.3	30.2	25.7	26.3	25.8	26.7	17.4	18.8
27	20.0	16.3	22.0	29.5	28.2	29.8	28.2	24.3	26.7	26.0	17.0	16.1
28	20.8	17.9	21.6	31.0	27.4	29.0	29.0	25.0	27.9	24.0	17.4	16.2
29	21.9	-99.0	22.8	25.2	24.8	26.0	27.6	26.7	26.7	25.0	18.3	15.4
30	22.3	-99.0	25.1	23.2	23.7	27.7	26.0	28.4	25.7	25.4	19.2	13.7
31	20.7	-99.0	26.3	-99.0	26.2	-99.0	26.7	28.7	-99.0	25.8	-99.0	13.3

1966

1	14.7	20.5	23.4	22.5	-99.0	30.0	29.9	27.4	24.4	24.4	21.8	13.6
2	17.5	21.0	22.1	23.9	28.2	30.0	29.7	24.4	25.6	25.0	21.2	12.8
3	17.0	22.2	24.9	25.8	22.1	29.5	29.6	25.8	26.9	24.8	20.8	13.7
4	18.0	22.5	26.5	26.9	22.1	26.4	30.3	26.1	27.6	24.0	21.2	15.6
5	18.2	18.6	26.5	22.6	23.3	26.4	30.5	25.8	27.6	24.2	21.8	16.8
6	17.5	18.0	26.8	23.1	24.2	25.9	32.2	25.7	27.8	24.9	21.3	17.9
7	19.2	19.4	27.2	25.0	23.2	26.8	30.5	27.2	26.3	24.3	21.0	19.7
8	19.8	19.7	19.9	26.1	24.6	28.9	30.0	27.2	25.1	24.8	22.6	21.0
9	20.4	21.4	16.1	26.3	25.6	28.3	30.0	27.3	24.6	24.9	24.4	20.9
10	21.4	22.9	16.6	25.7	30.4	30.6	28.1	28.5	24.6	26.2	24.7	21.7
11	21.6	23.3	18.5	26.2	33.0	31.7	28.7	29.4	26.2	26.7	23.3	21.2
12	21.8	22.1	20.8	25.1	33.8	29.9	27.5	28.7	26.6	26.8	23.2	21.1
13	22.9	16.8	23.2	25.7	33.4	26.6	27.3	28.7	25.5	27.0	25.5	21.4
14	23.2	15.9	24.9	27.9	28.4	28.4	29.2	29.6	26.3	27.8	22.9	22.2
15	22.3	19.3	24.3	25.2	25.5	28.6	30.2	28.5	25.3	22.7	17.9	22.6
16	22.0	21.8	24.7	25.1	24.3	27.4	27.3	27.2	25.5	24.0	20.7	23.2
17	23.6	22.7	26.3	24.9	24.5	26.9	25.7	29.3	24.9	22.6	20.9	25.0
18	23.8	21.8	28.1	24.1	26.6	27.0	26.4	30.2	24.8	20.5	20.1	26.1
19	22.4	22.1	18.2	25.7	23.3	28.9	26.7	30.4	24.2	20.7	21.2	24.9
20	19.9	22.6	19.6	25.8	20.9	28.9	27.3	26.8	24.5	21.5	20.0	24.3
21	16.5	24.1	26.0	24.5	23.2	30.5	27.4	23.6	24.4	22.8	17.1	24.0
22	18.0	24.3	28.4	26.0	24.3	30.4	26.4	25.3	24.4	22.9	18.4	22.9
23	19.8	15.6	27.1	27.9	23.6	27.5	27.7	24.7	23.4	22.9	19.7	21.2
24	21.1	13.2	26.5	28.9	24.6	28.3	28.4	26.5	23.3	23.1	20.3	21.8
25	19.9	15.2	24.7	30.5	25.3	28.5	28.7	25.6	24.2	23.8	20.2	22.6
26	18.9	16.0	20.3	31.3	25.8	28.3	29.1	25.2	23.4	24.8	17.6	19.0
27	20.8	19.0	18.7	26.4	26.3	29.1	30.6	25.7	23.5	25.0	18.6	13.9
28	16.2	21.6	19.9	28.7	27.1	29.1	29.4	25.9	24.0	20.3	20.6	13.0
29	15.5	-99.0	20.6	31.2	26.5	28.4	29.2	25.8	24.7	21.7	22.4	15.2
30	17.1	-99.0	20.8	30.0	29.1	30.6	27.6	25.8	25.0	21.8	18.4	17.1
31	19.0	-99.0	22.4	-99.0	30.3	-99.0	26.0	24.6	-99.0	23.1	-99.0	17.5

1967

1	14.8	12.7	15.4	21.3	30.1	29.2	32.3	30.1	28.3	24.5	24.2	16.0
2	13.0	11.0	19.1	22.6	27.7	27.3	32.0	31.0	29.0	24.3	22.6	15.4
3	11.0	11.5	19.9	23.9	27.7	28.1	30.8	31.7	28.9	20.7	23.5	16.6
4	11.9	12.1	21.3	21.1	27.1	27.2	31.2	32.7	28.1	21.1	20.9	18.9
5	12.6	13.9	17.5	18.5	28.2	25.8	32.5	31.7	26.2	21.5	21.2	21.0
6	14.5	17.5	12.5	19.9	26.1	27.4	32.8	31.2	24.4	22.6	22.2	20.5
7	16.3	17.5	12.2	21.5	26.3	26.7	33.0	30.2	26.9	23.7	22.3	17.4
8	15.3	18.8	14.1	22.9	25.3	24.9	30.6	29.6	26.3	23.0	23.0	15.4
9	14.0	19.5	14.6	24.0	24.3	23.9	30.8	28.8	26.8	21.4	23.2	16.4
10	14.2	17.2	14.6	25.7	24.3	25.6	31.5	28.7	27.0	21.7	22.9	14.7
11	11.2	13.0	17.3	24.7	24.8	25.7	31.6	29.6	26.1	24.2	24.2	12.6
12	11.3	13.2	19.3	23.8	26.3	26.3	33.1	31.3	25.7	25.6	19.8	13.1
13	12.9	14.2	19.5	20.9	26.4	26.7	32.9	32.3	26.0	26.2	17.2	11.6
14	12.9	12.6	21.1	21.6	26.3	27.6	30.7	31.5	23.3	25.2	18.0	12.1
15	12.5	12.3	22.2	21.5	26.9	28.4	28.6	27.7	22.7	24.5	18.6	12.6
16	11.0	14.4	23.0	21.2	26.8	28.5	27.5	26.4	22.5	23.4	20.1	16.5
17	10.2	15.1	23.0	21.9	27.1	30.5	28.3	25.9	22.6	21.1	21.0	16.7
18	10.5	16.1	23.4	23.8	26.3	31.8	28.9	28.3	22.1	21.2	20.9	15.5

19	12.2	16.9	24.0	21.9	28.5	31.4	29.4	26.7	22.8	20.2	21.6	16.7
20	14.5	20.0	24.2	22.0	29.8	32.4	28.6	26.0	24.5	19.1	21.4	19.0
21	15.0	21.9	24.1	24.0	30.6	33.0	28.6	26.6	26.1	21.3	20.2	19.1
22	16.8	22.3	23.7	24.0	30.6	31.2	29.4	28.3	23.9	22.2	20.1	19.1
23	17.2	22.4	23.3	25.6	31.2	29.7	30.2	29.6	21.2	22.0	20.8	19.6
24	17.9	21.1	22.3	21.4	32.4	28.1	29.6	29.8	21.5	22.0	22.1	17.9
25	18.7	17.6	23.2	22.1	32.1	28.4	26.6	27.7	22.8	22.3	22.5	18.6
26	20.2	14.3	25.5	22.5	32.1	28.4	27.4	24.2	23.5	22.9	22.3	20.2
27	21.5	11.7	27.5	24.8	31.3	28.6	27.5	25.7	25.2	22.0	21.8	20.6
28	22.8	12.4	27.6	27.7	28.4	28.1	28.6	26.4	26.3	22.5	21.4	17.4
29	21.4	-99.0	27.3	30.3	27.4	29.7	28.9	28.0	26.4	22.2	22.2	12.1
30	17.9	-99.0	28.1	30.3	29.4	31.0	26.6	28.9	26.4	22.5	17.4	11.4
31	14.2	-99.0	30.0	-99.0	31.1	-99.0	28.6	29.3	-99.0	23.9	-99.0	12.4
1968												
1	12.2	22.1	16.3	21.1	21.2	23.8	31.1	28.4	26.9	24.2	24.7	21.7
2	13.9	17.9	12.9	23.1	22.3	24.3	31.5	27.6	26.8	23.8	23.6	21.9
3	14.7	15.3	14.4	22.4	24.4	25.3	31.4	26.9	26.7	24.9	23.8	22.9
4	12.6	14.6	17.3	19.5	26.0	25.7	30.8	26.3	24.6	25.5	24.1	22.5
5	14.0	14.4	18.4	19.2	26.4	26.7	30.7	27.0	24.5	26.2	20.9	22.6
6	15.9	13.2	20.1	20.3	25.1	27.1	30.9	27.4	24.3	29.1	21.0	22.6
7	18.0	12.7	20.5	23.1	26.5	28.1	30.9	28.2	24.8	28.5	24.5	22.8
8	17.2	11.8	20.6	23.8	26.2	27.3	30.8	28.2	26.9	26.8	25.6	22.9
9	15.6	12.2	18.1	25.8	25.8	26.1	31.1	28.4	25.0	24.5	22.1	22.3
10	17.1	11.3	18.3	26.2	26.2	26.3	30.4	27.2	24.9	24.5	22.7	23.1
11	17.4	11.6	19.2	20.6	27.2	29.1	29.2	27.6	25.8	24.2	22.9	22.5
12	18.4	12.0	19.3	17.6	26.5	29.7	30.7	26.1	26.3	24.2	23.6	22.2
13	18.2	11.4	19.9	18.5	24.6	29.7	30.8	25.8	25.5	24.0	22.8	22.8
14	18.3	11.7	21.2	20.7	25.8	30.3	30.7	26.6	25.4	23.3	21.9	20.9
15	16.3	12.4	22.1	22.6	28.3	30.2	29.0	26.7	27.3	23.0	21.3	19.5
16	15.0	13.3	22.2	23.8	28.8	30.3	28.1	27.6	28.0	23.8	21.4	19.4
17	16.4	13.6	22.0	24.4	29.9	29.5	29.1	27.6	28.3	23.0	21.3	21.9
18	18.1	13.5	23.0	25.1	30.3	28.0	30.6	25.5	27.1	22.5	21.1	22.3
19	18.9	13.8	23.7	24.7	29.7	29.4	31.5	26.4	27.1	20.7	21.5	22.9
20	19.1	13.4	24.8	20.2	29.4	30.3	30.9	26.9	27.6	20.3	22.4	22.3
21	19.0	13.9	25.5	21.4	29.2	31.5	28.2	28.3	24.2	21.2	21.6	21.9
22	20.5	14.4	25.6	22.3	30.3	30.8	27.3	30.2	24.1	22.3	22.2	16.7
23	20.9	13.8	24.8	23.7	30.5	30.9	27.0	30.4	24.5	22.4	21.3	17.0
24	22.2	13.3	24.1	24.8	31.8	30.1	27.1	30.9	25.3	21.5	21.5	19.5
25	22.3	13.1	16.7	23.1	33.1	28.6	27.1	30.6	24.1	21.3	22.5	21.8
26	20.8	12.0	15.5	20.2	32.6	29.6	30.2	31.8	24.5	21.0	22.8	21.4
27	20.4	13.9	17.8	19.6	30.5	29.3	30.6	30.7	25.2	21.5	23.3	21.2
28	20.5	15.8	22.8	21.0	25.3	28.0	28.8	31.2	25.8	22.8	21.8	21.1
29	20.9	-99.0	20.4	21.3	26.2	28.7	29.7	30.9	23.5	21.3	21.6	21.8
30	21.3	-99.0	21.4	20.5	28.0	29.6	30.1	29.3	24.2	22.7	21.0	22.8
31	21.4	-99.0	20.4	-99.0	25.6	-99.0	30.2	28.3	-99.0	23.2	-99.0	21.8
1969												
1	21.9	14.2	17.7	18.4	27.1	26.2	28.0	29.3	26.8	24.5	23.9	17.2
2	20.0	14.7	17.7	20.5	26.9	27.0	27.7	30.0	24.7	23.1	21.4	16.9
3	18.2	15.7	18.5	22.7	27.6	28.4	29.0	30.6	25.7	22.9	20.5	14.5
4	18.8	12.3	17.6	21.3	28.4	29.2	30.1	30.0	24.9	23.7	20.1	14.3
5	17.6	11.3	16.2	14.3	28.4	30.0	30.9	28.9	25.5	22.6	19.8	16.3
6	14.5	11.5	16.3	16.1	25.1	25.8	31.1	29.7	25.7	23.1	19.1	18.2
7	12.9	12.2	17.9	18.2	26.1	27.2	31.8	28.4	26.0	22.9	19.3	18.8
8	15.8	13.0	18.8	20.2	25.6	30.1	31.3	27.2	26.2	22.0	18.8	17.0
9	18.3	13.8	17.4	20.6	26.9	30.7	30.9	25.1	26.7	22.4	19.8	13.6
10	21.4	18.8	16.5	21.4	28.4	31.4	31.0	27.1	27.3	22.2	20.1	13.6
11	22.6	20.8	17.0	24.5	28.7	28.2	27.9	27.5	27.2	23.1	19.6	13.2
12	19.2	22.4	15.8	25.1	30.7	28.9	28.4	26.2	27.4	23.4	21.2	15.2
13	16.1	22.3	15.9	25.1	32.4	30.1	29.2	26.6	25.4	24.8	23.2	16.8
14	17.1	23.4	16.7	27.5	32.9	31.2	29.9	26.6	26.4	25.2	23.8	15.1
15	14.8	23.1	18.4	29.3	29.6	30.4	29.8	26.9	25.6	25.7	24.4	16.5
16	14.2	23.0	17.3	26.4	30.6	28.7	30.4	26.2	26.1	25.9	25.1	17.0
17	15.7	23.0	18.0	25.5	30.7	26.6	29.7	25.1	24.2	26.6	21.0	16.7
18	19.2	24.6	19.9	25.9	30.7	23.9	26.8	26.3	22.8	27.5	17.3	16.0
19	22.5	24.7	22.6	27.0	33.3	25.0	26.3	26.8	22.9	26.5	18.4	16.3
20	24.7	21.7	24.9	28.2	30.1	26.8	26.0	26.9	23.5	27.4	19.1	15.8
21	24.4	19.2	23.2	27.7	30.5	27.6	26.1	27.4	25.6	27.0	20.4	16.9
22	22.2	15.9	23.7	27.5	32.1	27.7	25.4	27.7	26.3	26.3	20.0	16.7
23	21.6	17.0	25.0	29.0	33.2	28.7	24.2	27.6	26.7	26.5	19.3	16.9
24	22.2	18.1	25.2	29.3	30.9	28.5	25.6	29.0	27.1	26.2	16.4	18.0
25	22.1	19.2	24.8	27.2	30.4	28.2	27.8	30.4	27.2	26.8	14.9	19.6
26	22.7	19.1	25.3	27.0	29.5	29.8	28.0	31.3	26.9	23.7	14.7	21.0
27	23.1	16.1	27.6	26.9	23.2	29.1	28.1	28.7	27.8	21.3	14.6	19.0
28	24.8	16.7	27.2	26.8	24.8	29.6	29.3	26.7	26.9	22.1	15.7	15.2
29	24.2	-99.0	24.5	26.8	26.0	29.4	30.9	26.4	24.5	23.7	16.1	17.4
30	21.7	-99.0	21.1	26.2	25.6	30.0	30.8	26.7	24.4	24.9	15.1	17.8
31	16.0	-99.0	17.9	-99.0	24.5	-99.0	29.2	27.6	-99.0	24.5	-99.0	18.7

1970

1	19.3	17.9	19.4	25.2	30.8	29.3	28.5	26.5	25.8	19.9	17.5	16.5
2	18.9	19.6	23.9	18.3	28.1	28.7	29.2	27.7	25.6	22.0	17.4	18.3
3	19.4	20.0	20.8	19.5	26.9	27.8	29.0	29.1	26.5	22.4	18.3	17.6
4	18.6	19.5	17.6	20.3	27.6	29.2	29.3	30.1	24.3	22.8	18.8	17.5
5	18.2	17.0	16.9	20.4	26.3	30.0	29.5	28.7	23.5	22.4	18.2	17.8
6	15.9	17.2	18.4	21.7	26.7	30.1	29.8	26.9	25.5	23.4	17.5	19.1
7	15.3	18.3	19.4	22.4	27.4	29.0	30.2	27.9	26.0	24.6	18.6	19.7
8	15.6	19.2	17.9	24.6	29.8	27.7	28.5	28.4	27.6	25.0	19.0	18.4
9	15.6	20.0	18.9	27.1	30.8	28.6	29.7	28.5	28.4	23.9	18.8	17.1
10	14.1	18.8	20.8	27.5	31.5	28.2	30.6	27.8	27.9	23.2	18.3	18.8
11	12.8	15.6	21.3	26.3	31.3	26.9	31.2	26.5	26.8	24.2	21.1	20.6
12	15.6	14.4	24.7	19.0	32.2	25.7	31.5	28.4	25.9	23.9	22.6	21.2
13	17.9	16.7	22.6	17.0	30.3	23.9	30.3	28.6	26.8	24.1	23.7	19.0
14	19.4	19.0	20.9	17.8	23.9	24.0	29.2	26.9	27.8	25.2	23.9	16.6
15	16.0	19.3	20.8	20.4	22.6	27.0	27.7	27.1	28.0	25.1	20.2	17.0
16	14.2	17.1	17.7	23.6	23.8	27.5	28.7	26.6	28.5	25.6	16.0	18.2
17	14.0	19.1	17.7	25.2	24.1	27.3	30.5	25.4	29.3	25.9	16.7	20.0
18	13.7	21.7	15.6	26.1	26.0	28.2	29.1	24.4	29.6	25.6	18.6	21.0
19	12.0	22.7	16.7	26.4	25.6	29.5	30.6	25.6	27.1	25.0	19.6	20.2
20	12.8	22.8	17.4	24.8	20.9	28.7	30.4	27.0	25.9	21.7	20.1	19.5
21	14.8	22.9	19.0	24.6	22.5	26.6	29.1	27.6	26.5	21.5	20.3	20.3
22	17.7	23.0	17.4	25.1	24.8	25.4	29.0	28.0	26.9	23.1	18.7	20.8
23	18.9	22.5	16.2	24.4	25.9	25.5	30.2	25.9	27.4	24.7	18.8	22.8
24	16.4	24.1	17.3	25.1	28.1	28.1	27.9	25.2	25.8	24.7	20.3	23.0
25	15.6	24.7	16.8	24.2	27.9	29.7	25.8	25.6	25.0	25.4	21.6	18.5
26	16.7	24.0	17.0	24.8	29.0	29.3	26.3	25.8	25.2	24.2	22.2	16.4
27	19.2	23.7	18.0	21.5	31.2	27.6	27.0	26.2	24.2	17.6	23.0	16.7
28	21.4	22.0	19.3	23.2	30.8	26.0	28.5	28.6	24.1	17.6	21.0	16.5
29	18.4	-99.0	20.8	26.4	28.6	26.5	29.9	29.2	20.6	16.6	17.9	16.7
30	14.2	-99.0	22.7	28.7	29.4	28.3	27.8	30.3	18.0	16.4	15.8	15.7
31	13.4	-99.0	24.3	-99.0	29.2	-99.0	26.6	28.0	-99.0	16.5	-99.0	14.0

1971

1	14.3	11.0	25.9	24.3	25.2	29.0	29.6	29.6	26.5	26.4	20.2	16.4
2	14.6	11.5	27.2	27.4	25.8	29.0	29.9	29.5	26.0	25.3	21.8	17.4
3	14.2	13.2	22.5	27.7	26.2	28.0	29.6	30.6	27.6	25.5	22.9	17.2
4	11.8	11.2	21.6	25.5	26.2	30.0	27.0	30.8	28.0	26.1	23.9	18.8
5	12.2	13.9	21.6	25.9	23.1	30.1	26.3	29.6	29.0	25.2	23.6	20.8
6	12.5	12.3	22.3	25.6	20.2	29.1	25.4	27.6	28.5	23.4	23.1	21.9
7	14.5	11.7	20.9	25.0	21.7	28.6	23.9	28.6	28.3	22.3	22.4	21.8
8	13.0	12.0	18.6	24.9	27.6	28.6	29.2	27.7	27.1	21.0	23.0	18.4
9	14.0	13.8	16.0	22.4	27.0	29.1	28.1	27.2	28.2	19.0	22.3	16.0
10	13.7	16.2	17.8	21.0	28.8	29.6	29.1	27.6	29.3	19.4	21.9	17.0
11	14.0	17.8	18.6	22.4	28.7	30.0	26.3	28.0	29.3	21.8	21.8	17.4
12	17.3	19.6	16.4	23.3	24.5	30.2	24.4	28.0	29.2	21.2	20.3	17.5
13	18.0	20.2	16.3	23.7	25.2	27.0	24.2	25.5	28.3	20.5	19.7	17.9
14	20.0	18.8	14.4	23.2	26.9	27.9	25.0	26.7	26.6	20.0	17.5	18.5
15	19.4	13.8	15.1	23.6	26.5	27.5	26.6	27.0	25.9	20.2	15.1	18.7
16	20.5	14.8	17.1	24.2	27.9	24.8	27.3	28.0	25.2	20.4	14.6	17.0
17	21.6	16.5	18.1	24.7	28.6	26.6	24.3	28.0	26.2	21.9	15.1	16.9
18	20.4	18.6	17.4	24.5	28.4	28.1	24.9	26.8	25.5	21.7	15.6	18.4
19	20.8	20.1	19.6	24.2	26.9	28.2	28.2	26.4	25.0	23.2	16.0	17.2
20	19.8	20.6	20.6	24.0	24.6	26.0	28.5	24.0	23.9	24.2	16.4	16.0
21	18.2	20.9	22.6	25.3	25.7	27.0	28.6	24.2	22.9	24.2	15.9	15.2
22	15.2	21.8	22.0	26.6	28.2	26.0	29.8	25.3	22.8	23.8	16.4	16.4
23	15.9	22.1	19.0	26.8	28.8	26.3	29.6	25.8	24.0	22.4	16.7	18.7
24	16.0	22.0	18.0	27.4	26.0	27.2	29.0	26.6	25.1	23.4	17.2	20.9
25	14.0	22.1	18.6	26.5	24.2	28.3	28.6	26.3	25.2	22.0	17.4	21.4
26	12.6	23.2	20.0	26.8	26.2	28.2	28.3	25.6	24.9	20.0	18.0	19.1
27	13.7	24.2	20.6	26.1	26.6	28.0	28.5	25.4	24.9	18.2	19.1	14.7
28	15.1	25.1	21.7	25.4	27.6	27.7	28.0	25.8	26.0	17.6	19.4	14.4
29	12.8	-99.0	24.1	25.0	26.8	29.2	27.7	26.6	26.4	17.8	19.4	14.7
30	10.2	-99.0	25.4	25.0	28.4	29.3	28.8	26.6	23.8	20.0	16.0	16.2
31	9.9	-99.0	24.4	-99.0	28.4	-99.0	29.6	25.5	-99.0	19.2	-99.0	16.6

1972

1	15.4	22.9	13.9	20.4	29.8	25.9	25.7	27.6	26.0	25.8	24.2	16.2
2	16.5	22.5	14.2	21.0	27.0	26.8	27.0	27.0	26.3	24.4	24.7	16.9
3	17.4	23.2	14.6	20.4	29.0	24.9	29.3	27.5	25.6	23.4	24.6	17.1
4	17.9	21.7	14.0	20.2	29.6	24.9	30.4	26.6	26.0	20.8	24.6	18.3
5	19.0	19.4	15.1	21.2	30.3	26.5	29.2	25.0	24.6	22.8	22.7	19.0
6	16.0	18.4	17.6	24.0	27.9	26.0	29.0	25.1	23.7	24.6	21.9	20.4
7	13.8	17.0	22.1	24.6	29.8	27.4	28.7	26.9	25.2	24.9	21.0	20.1
8	13.6	14.0	21.7	19.8	27.8	27.8	28.8	27.9	24.2	25.6	22.1	19.2
9	14.4	10.0	21.2	17.6	31.3	26.1	30.1	27.4	25.2	27.1	22.6	20.0
10	13.6	10.0	22.2	17.6	30.8	25.7	32.4	28.4	25.0	26.8	21.3	20.8
11	15.0	12.3	22.0	17.9	29.3	27.6	32.0	27.1	25.5	24.6	20.0	22.4
12	14.8	17.3	17.7	19.3	31.0	29.4	30.8	26.6	26.1	24.2	22.3	20.1



13	15.0	18.0	17.8	21.4	30.2	29.6	29.9	27.3	26.5	24.3	23.2	13.6
14	14.0	18.5	21.1	25.4	27.2	30.1	30.0	27.6	26.6	25.8	23.7	13.0
15	12.8	20.0	21.6	26.0	28.7	30.2	27.4	27.2	25.9	25.6	24.8	14.6
16	13.9	20.9	21.6	25.8	26.5	30.8	23.6	28.1	26.0	25.4	22.8	16.8
17	15.2	22.8	23.7	28.5	28.1	31.3	24.2	26.7	25.7	25.6	19.8	18.8
18	16.3	21.4	23.8	27.3	30.0	30.6	27.7	26.6	25.8	25.6	19.5	21.0
19	18.7	21.0	25.0	29.0	28.5	29.4	28.8	26.9	27.0	26.4	20.0	20.6
20	18.9	21.0	22.8	28.6	25.6	29.2	28.9	26.1	27.0	26.8	20.6	21.6
21	17.8	20.8	22.6	27.5	27.7	29.6	28.3	26.6	26.5	26.8	19.6	22.8
22	18.2	21.1	23.5	26.0	30.4	31.2	29.6	26.4	26.2	22.8	19.7	22.0
23	17.7	20.4	25.0	24.8	30.2	30.7	30.0	25.2	26.6	21.6	20.3	19.2
24	17.8	20.5	25.3	21.7	29.2	29.6	30.9	26.7	23.9	21.8	19.7	19.2
25	19.0	24.6	22.9	19.5	29.0	28.4	30.0	26.9	22.8	23.0	20.1	20.3
26	17.7	19.2	19.4	20.7	26.1	28.3	28.3	27.4	23.4	22.7	20.0	22.2
27	17.5	14.3	20.6	22.6	28.3	29.0	26.6	27.8	25.7	22.2	17.6	21.2
28	17.8	11.9	20.6	23.7	28.7	31.3	24.7	24.7	26.4	22.2	17.6	21.8
29	19.2	12.6	21.8	26.8	27.6	28.0	23.2	26.0	24.3	24.1	18.2	18.2
30	22.2	-99.0	22.8	27.9	25.3	27.4	26.5	26.8	26.0	24.6	17.0	15.4
31	23.1	-99.0	22.7	-99.0	23.5	-99.0	27.6	25.5	-99.0	24.3	-99.0	16.2

1973

1	17.3	19.1	24.0	28.0	29.6	29.9	28.9	27.1	23.8	26.2	20.2	16.7
2	13.5	19.3	23.7	27.2	28.6	30.0	28.9	27.5	24.2	26.0	20.4	17.1
3	13.6	20.3	23.4	25.7	28.2	30.0	29.9	26.9	26.6	26.4	20.2	18.5
4	13.9	22.7	23.4	21.7	24.9	28.8	28.5	26.3	27.8	26.0	20.7	20.2
5	14.7	23.1	24.4	20.5	26.6	26.7	26.5	26.0	27.2	25.2	21.2	19.0
6	14.8	23.4	23.6	23.9	27.4	23.9	24.9	25.5	27.6	25.6	19.6	17.4
7	15.4	22.3	23.0	28.3	29.8	25.8	25.8	26.0	27.4	24.3	20.0	17.4
8	16.2	19.6	23.3	30.2	30.7	26.2	24.1	27.1	28.0	23.0	21.8	16.2
9	17.1	18.5	23.4	29.5	28.2	27.6	27.4	25.6	27.0	23.0	23.2	18.2
10	18.5	20.7	25.6	29.2	25.2	29.0	26.2	26.9	26.7	23.3	23.2	19.7
11	16.0	21.9	26.2	29.2	27.9	29.0	26.1	26.2	26.4	23.2	22.5	20.7
12	15.3	22.0	26.7	23.4	27.6	28.2	25.7	27.5	27.4	24.1	17.1	20.6
13	17.6	21.8	24.4	22.8	28.6	29.9	26.4	28.8	24.9	23.6	18.4	17.8
14	19.4	17.0	23.7	25.4	29.7	29.4	27.0	28.8	25.0	20.6	18.8	18.6
15	20.7	16.8	21.6	28.0	30.5	29.5	28.0	28.9	26.1	19.2	20.0	18.4
16	21.3	19.5	19.2	28.6	31.2	30.6	27.1	29.5	24.1	19.6	18.9	17.0
17	17.8	21.6	18.8	26.2	30.4	28.8	26.7	29.9	24.7	21.5	20.0	16.0
18	16.5	22.9	18.7	21.2	30.8	31.0	29.9	28.3	25.0	22.2	19.8	15.3
19	16.9	23.8	20.6	22.3	31.4	31.0	29.6	26.6	23.9	23.6	20.4	16.3
20	18.2	20.2	23.5	23.4	31.0	31.8	32.1	27.4	23.5	25.0	19.6	18.2
21	19.3	20.6	23.0	25.8	29.6	32.0	31.6	27.1	24.4	24.0	18.2	19.0
22	22.1	23.4	23.9	28.2	28.8	32.3	31.3	25.0	24.6	22.4	18.2	16.8
23	20.7	24.2	23.4	27.8	26.8	32.7	30.0	27.0	24.6	22.6	18.8	14.7
24	18.1	23.4	21.5	27.0	27.3	32.4	28.8	25.8	23.4	21.2	16.4	15.8
25	19.8	24.8	20.9	24.0	27.1	31.8	29.6	26.1	24.6	21.0	16.2	13.5
26	20.7	26.7	20.0	25.7	28.7	31.7	30.2	27.4	24.6	21.2	17.2	12.5
27	21.3	28.0	20.2	26.9	29.0	29.9	31.0	28.2	24.6	19.4	16.4	13.0
28	18.6	26.0	22.3	26.8	27.0	29.8	29.5	26.2	24.8	20.6	17.0	11.9
29	16.2	-99.0	24.0	27.0	27.0	31.1	26.8	25.2	25.0	19.6	17.7	12.2
30	14.7	-99.0	25.4	29.0	28.1	29.0	28.5	27.4	26.2	20.4	18.8	12.2
31	17.2	-99.0	26.2	-99.0	29.6	-99.0	28.2	26.2	-99.0	20.0	-99.0	9.8

1974

1	9.8	16.0	15.8	22.8	29.8	26.6	29.8	27.2	28.5	27.3	21.3	21.3
2	10.7	14.0	16.8	16.6	25.8	28.3	29.8	26.8	28.8	26.9	19.4	23.4
3	11.6	14.3	18.3	17.0	25.3	31.0	30.2	27.2	28.1	26.5	22.0	23.5
4	10.7	16.6	19.8	19.7	28.0	29.7	30.6	26.2	28.4	26.4	21.6	23.2
5	12.1	17.6	21.1	21.6	29.2	26.8	31.4	27.3	28.0	25.3	24.2	23.0
6	13.8	15.4	22.4	24.1	31.3	26.0	30.4	27.2	26.4	25.8	23.8	20.2
7	16.6	10.8	22.4	26.0	29.7	25.1	30.2	26.7	25.7	25.2	24.6	18.5
8	16.8	10.5	22.5	26.0	28.7	26.8	29.5	27.5	27.9	24.2	25.5	21.4
9	17.6	11.7	22.0	23.2	27.9	28.6	29.8	29.2	27.5	24.0	26.0	22.8
10	19.0	11.0	19.6	22.6	23.2	27.8	29.9	30.4	27.2	23.1	23.6	21.8
11	19.6	11.5	16.8	22.6	24.8	26.8	30.6	28.7	27.1	24.0	22.2	20.7
12	18.4	12.8	16.2	22.2	25.9	26.7	32.0	28.8	26.6	24.1	21.5	19.1
13	18.2	12.8	16.9	23.0	26.3	26.0	31.2	26.4	26.4	23.0	20.4	17.2
14	20.0	16.4	16.8	21.5	26.2	25.0	30.8	25.0	26.8	20.5	19.0	15.3
15	19.2	17.9	17.2	22.8	25.8	27.4	30.3	27.1	24.9	21.2	18.4	15.2
16	20.4	19.6	17.2	21.9	26.5	28.0	30.2	24.7	24.8	21.9	18.6	17.5
17	19.8	20.4	15.6	23.8	25.8	28.9	30.4	26.8	25.2	23.5	18.2	18.8
18	20.2	21.7	15.5	25.7	26.8	29.3	29.8	26.0	24.9	24.4	16.1	18.2
19	19.8	22.2	16.4	26.7	26.8	31.0	29.4	25.2	25.6	24.1	17.7	15.6
20	20.0	21.6	16.0	29.4	26.0	29.5	27.0	26.6	25.8	22.0	18.4	13.9
21	21.7	22.2	17.3	24.2	26.0	29.2	26.2	28.5	24.3	20.6	18.2	14.2
22	19.7	25.2	17.7	21.6	26.3	28.2	27.4	30.4	24.7	20.8	19.8	15.1
23	21.0	25.6	18.2	22.3	27.2	29.5	28.7	30.4	24.5	20.0	19.6	17.1
24	21.4	20.7	21.0	23.3	26.3	29.0	29.3	28.9	24.9	21.8	19.3	17.0
25	20.4	13.6	23.9	22.7	26.3	28.7	28.2	26.5	26.0	22.8	18.8	16.0

26	15.8	11.1	20.8	24.9	27.0	29.3	30.5	25.7	26.8	23.2	19.4	16.6
27	16.5	12.6	14.0	27.2	26.4	28.6	28.8	24.7	26.8	24.2	19.5	17.5
28	18.5	14.1	15.7	25.6	28.4	28.4	26.5	26.2	26.2	23.6	19.3	18.3
29	20.2	-99.0	18.4	23.8	29.4	29.7	27.2	26.1	27.1	23.5	19.5	19.0
30	20.8	-99.0	22.1	27.2	27.7	29.5	28.1	26.4	26.8	23.2	20.4	19.8
31	19.5	-99.0	21.2	-99.0	23.6	-99.0	27.4	27.1	-99.0	22.6	-99.0	20.2
1975												
1	20.0	21.2	20.8	19.3	28.2	24.9	31.2	28.8	26.6	25.4	18.2	19.0
2	18.7	22.2	22.7	18.0	26.8	26.4	31.0	28.0	26.4	24.8	20.2	20.4
3	16.6	24.1	22.8	18.3	27.9	28.4	30.8	27.7	25.6	25.4	19.8	21.7
4	15.3	23.4	26.2	21.3	26.8	29.4	30.4	27.6	26.0	25.4	21.0	23.4
5	15.2	23.9	24.0	23.3	26.2	29.1	29.1	28.7	26.0	26.2	20.3	24.4
6	14.4	23.9	24.0	25.4	26.1	29.0	29.0	29.6	26.3	26.8	19.3	23.8
7	16.3	23.4	23.2	30.3	26.5	29.8	28.3	30.2	24.0	25.8	19.7	24.0
8	17.8	20.2	22.1	24.6	28.4	30.0	28.5	30.8	26.0	24.4	21.2	23.7
9	18.2	16.9	23.3	26.4	30.2	30.5	28.5	28.1	24.3	24.5	22.8	21.6
10	17.1	16.0	23.2	29.2	29.8	29.3	28.2	25.6	24.4	25.2	23.5	16.6
11	15.6	16.0	22.6	28.4	27.3	27.2	27.2	24.0	25.5	24.5	23.9	13.4
12	14.2	17.0	23.6	24.7	26.6	28.4	26.1	25.6	26.0	26.2	24.8	11.7
13	15.4	18.3	27.2	25.2	26.9	27.7	26.7	25.9	25.6	26.2	21.4	10.8
14	17.3	19.1	22.6	25.4	25.0	26.9	26.7	26.0	25.8	24.1	18.2	9.0
15	18.5	20.1	16.8	26.1	28.2	26.9	27.6	28.2	26.0	22.8	17.7	9.5
16	17.9	17.4	15.9	25.8	28.7	26.8	27.1	28.0	26.0	21.2	18.6	10.4
17	17.3	17.2	17.1	26.2	29.6	23.8	28.3	27.0	25.6	20.4	21.4	10.7
18	16.8	16.5	18.3	24.1	28.5	25.0	27.6	28.9	25.1	19.6	21.8	10.4
19	15.1	15.4	20.4	25.2	29.2	25.4	26.5	27.3	26.3	20.7	20.8	13.9
20	15.9	14.4	20.2	25.8	30.2	28.5	26.3	26.8	24.9	21.1	21.0	14.5
21	17.4	16.0	21.0	26.6	29.8	27.5	26.5	27.1	26.1	22.0	21.1	14.4
22	14.6	15.8	22.9	25.5	28.0	28.8	28.0	28.0	25.2	21.6	19.8	10.3
23	16.9	16.5	21.9	26.2	26.3	30.0	27.6	27.2	26.3	22.2	16.8	11.0
24	19.6	19.6	22.0	28.0	26.8	30.0	29.6	27.6	26.8	21.8	14.4	11.5
25	19.3	21.1	23.6	28.9	28.5	28.4	30.0	25.6	27.2	21.5	13.5	12.8
26	19.4	22.8	24.5	29.6	28.3	26.0	31.0	25.2	27.2	23.2	13.2	15.3
27	18.3	20.7	24.6	32.6	25.8	28.6	29.8	25.3	27.0	23.3	14.5	16.2
28	18.0	21.0	25.5	32.8	28.3	29.3	30.9	25.6	26.8	24.3	16.3	12.8
29	16.5	-99.0	25.1	28.4	27.9	29.4	30.0	24.6	25.8	24.0	18.4	10.1
30	19.2	-99.0	22.3	28.9	25.8	29.8	30.7	25.1	25.4	19.6	19.9	9.5
31	20.0	-99.0	20.2	-99.0	24.2	-99.0	31.8	26.3	-99.0	18.6	-99.0	10.2
1976												
1	14.5	13.8	14.8	18.0	26.5	27.2	27.8	26.0	27.5	25.0	22.2	18.8
2	15.7	14.8	12.3	19.8	28.4	22.2	26.2	26.2	27.6	23.3	22.8	19.3
3	16.2	17.2	12.2	20.2	27.8	21.5	26.9	27.1	27.0	23.1	23.8	19.9
4	18.3	17.3	13.6	18.9	26.5	24.6	27.2	27.5	26.6	21.7	24.2	20.8
5	18.7	18.1	15.8	19.6	20.0	27.8	29.0	26.5	24.9	22.6	24.6	20.4
6	16.0	16.2	17.3	19.9	19.7	29.3	29.5	28.2	25.4	24.1	21.7	21.0
7	16.3	18.3	19.5	20.4	20.6	28.7	29.9	28.8	27.6	24.8	21.3	19.6
8	16.5	18.1	20.8	22.9	23.8	29.6	29.3	29.3	28.3	25.8	21.6	18.6
9	16.5	17.0	22.3	24.0	26.4	29.7	30.1	28.0	29.0	25.2	22.7	12.8
10	14.6	18.6	22.9	23.1	26.7	25.3	30.8	28.2	27.9	23.2	24.1	13.8
11	12.5	19.5	21.8	22.7	25.1	23.8	30.5	28.0	27.3	25.4	23.6	15.7
12	12.1	21.2	21.6	26.3	23.3	27.4	30.8	26.8	24.2	25.4	19.9	17.6
13	12.0	20.4	22.2	21.6	23.7	28.6	28.6	27.1	25.2	23.8	20.8	18.2
14	12.7	21.4	21.8	19.3	25.6	29.4	25.9	27.2	25.8	21.3	17.4	16.0
15	13.6	22.0	23.6	23.1	27.2	31.2	27.4	27.2	26.6	20.8	16.6	17.5
16	15.4	23.0	25.2	28.2	25.9	31.8	27.0	25.5	26.8	22.2	16.9	19.0
17	17.4	24.0	26.8	32.4	26.9	31.8	27.0	25.4	26.7	24.0	14.8	20.4
18	17.3	20.8	26.2	31.1	26.8	30.3	27.1	26.4	27.5	25.0	15.7	20.4
19	17.8	21.6	20.4	27.0	28.0	30.3	29.0	26.8	28.1	26.0	16.9	21.4
20	17.8	18.8	15.7	25.8	28.2	28.7	28.4	27.6	28.0	25.0	15.2	21.4
21	17.7	19.0	17.2	25.2	27.7	28.3	27.8	27.5	27.6	24.5	14.8	22.2
22	17.4	19.4	17.3	25.7	27.1	27.7	27.8	25.1	25.4	27.6	14.7	21.5
23	14.6	17.3	17.8	23.2	26.8	27.8	28.4	26.1	24.0	27.8	15.5	22.9
24	14.2	17.7	17.0	19.1	28.2	28.5	29.4	27.5	24.6	25.8	14.2	22.0
25	16.0	15.9	17.6	21.1	29.7	28.7	29.2	30.6	24.0	21.1	14.8	21.4
26	17.1	17.3	19.4	23.6	31.2	28.2	29.6	29.4	25.7	21.2	14.2	19.2
27	18.4	24.1	21.1	25.0	31.8	28.6	29.0	26.3	25.5	23.4	14.3	16.5
28	18.2	23.2	23.0	26.1	30.7	30.2	27.5	25.6	25.4	25.4	13.7	13.4
29	17.6	-99.0	25.7	26.3	29.7	31.8	26.2	25.2	26.0	23.6	15.5	11.8
30	15.8	-99.0	23.4	26.7	29.5	29.8	26.1	25.9	25.0	24.0	17.4	13.0
31	13.5	-99.0	19.4	-99.0	31.5	-99.0	26.6	27.4	-99.0	23.3	-99.0	13.9
1977												
1	13.6	12.0	23.8	18.6	25.5	28.6	29.9	29.1	27.1	25.0	22.5	16.0
2	14.0	11.1	21.3	18.9	25.7	30.5	31.8	30.4	27.2	26.2	20.7	16.6
3	13.1	11.0	17.8	19.9	26.1	30.3	29.8	31.6	26.5	26.4	20.5	16.6
4	11.5	11.0	15.3	21.3	26.7	30.9	30.1	30.2	24.2	26.6	19.8	17.2
5	12.5	12.4	13.4	22.7	24.4	31.4	27.7	29.0	26.3	26.9	21.8	16.9
6	13.6	14.1	14.4	23.9	25.8	31.6	27.8	27.7	25.6	26.2	22.7	17.4

7	15.3	14.3	16.5	24.7	26.3	31.6	28.9	27.4	25.1	25.6	23.5	19.6
8	15.1	13.8	18.0	24.2	25.0	31.9	31.1	28.1	26.3	21.6	22.2	17.8
9	15.0	12.4	20.3	23.2	25.3	32.0	31.3	30.0	27.1	21.8	20.9	18.2
10	13.1	13.0	20.7	21.1	25.4	33.4	31.8	30.8	27.5	23.6	19.8	19.2
11	14.6	11.9	21.2	21.4	26.1	28.9	32.4	32.0	27.0	22.6	19.0	19.3
12	16.3	15.0	21.4	22.0	25.6	27.9	33.8	31.1	27.3	22.2	18.3	20.0
13	13.8	18.2	20.4	26.0	26.8	29.8	32.2	32.8	26.4	24.0	18.8	19.0
14	12.8	17.8	21.2	26.6	28.8	30.0	29.8	33.5	26.3	25.0	19.3	19.0
15	12.5	13.8	22.3	28.6	28.9	31.1	27.4	31.8	26.2	25.6	18.3	19.4
16	15.3	12.5	22.3	27.0	30.5	32.6	26.4	26.6	26.7	24.6	16.9	20.7
17	17.7	11.8	22.1	27.1	31.2	33.7	27.8	25.8	27.2	23.9	16.7	21.1
18	17.9	13.0	22.1	22.4	32.3	32.9	28.5	24.8	26.9	24.6	17.0	21.2
19	17.3	15.1	21.6	19.6	30.4	32.4	29.0	25.5	26.1	24.7	18.8	21.8
20	17.2	17.0	21.6	21.2	29.7	32.7	28.8	25.9	27.0	23.1	19.4	22.0
21	17.4	13.2	21.4	22.4	28.8	33.0	26.3	27.2	25.2	22.6	18.1	21.8
22	17.7	12.2	21.4	24.0	26.6	32.2	28.4	27.2	23.0	23.4	19.7	21.8
23	14.6	13.9	21.2	24.9	25.6	30.4	28.5	26.3	23.6	22.8	20.3	22.2
24	15.6	16.6	15.8	25.6	27.8	31.2	29.8	26.8	25.4	23.6	21.0	22.0
25	18.4	17.5	16.4	25.7	29.2	32.0	30.5	26.8	26.1	24.0	22.2	20.6
26	17.7	19.5	19.3	27.6	26.9	30.9	31.9	27.4	25.5	24.6	22.9	17.3
27	20.3	20.2	21.2	29.6	27.0	32.6	32.4	28.4	24.1	23.4	19.3	17.7
28	21.3	22.1	22.2	27.2	29.9	32.2	30.9	28.4	23.4	25.2	17.6	20.4
29	20.5	-99.0	22.8	26.4	32.6	30.3	30.6	26.1	25.3	25.0	16.7	22.4
30	14.4	-99.0	21.0	26.3	32.2	30.9	30.4	26.5	25.6	24.6	16.7	23.9
31	12.1	-99.0	19.0	-99.0	32.7	-99.0	29.6	26.8	-99.0	24.8	-99.0	25.4

1978

1	23.2	14.8	20.2	27.1	25.6	28.6	26.0	30.5	24.7	26.0	19.0	17.4
2	15.4	13.8	22.4	21.8	24.7	27.2	26.8	30.5	25.4	27.2	18.7	17.1
3	13.6	16.4	23.6	19.0	26.0	26.4	27.0	28.1	25.3	28.5	20.4	19.3
4	13.6	19.1	22.4	20.6	25.0	26.0	27.1	28.6	26.1	26.4	20.6	18.6
5	11.7	20.9	21.4	22.2	24.8	27.4	26.7	31.5	28.0	25.0	20.4	19.6
6	13.5	21.6	21.5	23.4	25.1	28.4	26.1	29.3	28.5	24.6	22.3	19.2
7	15.8	22.5	23.3	23.7	25.9	29.4	27.4	28.2	26.1	23.9	20.3	20.1
8	18.3	22.3	23.9	24.9	26.1	30.2	27.8	28.4	26.3	25.5	22.0	21.4
9	18.9	23.6	22.9	23.1	27.0	28.9	25.1	27.7	26.8	23.7	22.2	22.2
10	16.7	23.2	20.5	21.6	25.5	28.6	26.5	24.8	25.4	24.0	21.6	21.8
11	14.7	23.2	20.5	23.0	21.5	28.5	26.9	24.2	25.0	23.9	21.4	19.0
12	17.9	22.1	21.0	23.4	22.4	29.6	27.8	25.0	25.9	22.6	20.4	17.8
13	19.6	17.4	20.1	24.9	23.4	31.3	29.0	26.4	25.2	23.7	19.6	19.2
14	20.0	17.7	18.0	24.5	24.9	31.1	25.8	26.8	25.5	21.7	20.4	19.0
15	22.4	14.8	17.0	25.1	26.6	28.8	28.4	26.7	24.8	21.4	20.9	16.6
16	20.3	13.0	18.0	24.3	27.1	28.4	30.0	27.1	25.6	23.0	21.4	15.8
17	16.0	11.7	19.8	22.1	27.4	27.0	30.2	27.3	24.0	22.1	22.3	17.8
18	12.3	12.4	21.1	21.5	28.3	26.7	28.9	27.4	25.1	22.4	23.6	18.4
19	11.1	12.5	22.4	25.2	27.1	26.0	28.6	28.8	24.4	23.1	22.9	18.7
20	12.2	14.9	25.7	27.6	28.5	27.4	27.4	29.0	23.2	23.8	20.6	19.8
21	12.9	14.9	27.7	27.6	29.7	27.9	26.6	27.0	24.0	23.2	21.5	19.9
22	14.4	14.6	21.4	25.0	29.3	28.6	27.8	26.4	24.6	23.2	23.2	19.1
23	17.0	15.3	17.2	26.0	29.1	29.1	27.3	27.5	23.6	23.4	22.0	19.0
24	18.8	16.0	16.2	26.1	28.7	29.2	27.4	26.7	25.0	23.3	22.6	19.6
25	20.6	16.2	17.4	27.0	29.3	31.2	27.8	27.2	23.6	23.5	22.1	19.8
26	21.9	16.4	19.1	28.7	30.4	28.5	28.2	28.4	23.1	24.6	21.5	21.2
27	21.9	18.0	21.5	29.4	30.4	27.7	28.3	29.9	24.3	24.2	19.4	22.9
28	21.7	18.8	22.2	29.7	30.6	28.6	29.2	27.7	22.4	19.0	17.7	21.1
29	19.9	-99.0	25.1	27.0	29.6	29.5	28.9	27.7	24.7	18.0	16.3	20.6
30	18.1	-99.0	27.4	25.9	31.1	29.3	28.2	26.0	24.0	18.7	17.0	21.0
31	16.8	-99.0	28.4	-99.0	29.5	-99.0	29.8	27.2	-99.0	18.9	-99.0	19.8

1979

1	20.3	12.5	17.2	28.5	27.6	28.3	30.3	28.5	26.6	24.1	22.3	17.4
2	22.2	14.4	18.6	25.3	23.5	27.4	30.4	28.2	25.2	24.0	21.7	15.8
3	20.1	16.6	18.4	18.8	23.9	27.6	29.0	28.3	27.4	24.2	22.0	17.5
4	20.1	17.0	20.2	17.1	26.2	28.4	29.8	27.2	28.3	24.2	24.0	20.2
5	21.7	16.8	20.9	18.7	28.7	27.1	30.2	24.9	29.9	22.2	23.7	21.7
6	22.0	15.8	23.6	21.9	29.4	27.6	29.1	26.2	30.5	22.2	21.7	21.2
7	18.2	17.9	25.5	23.2	28.6	26.8	29.6	25.8	27.8	22.2	21.4	20.9
8	16.8	19.9	26.3	23.3	26.8	27.4	30.0	24.4	27.0	22.8	21.7	19.8
9	18.9	21.2	25.6	22.0	26.3	28.1	30.1	25.2	26.8	23.0	22.9	19.3
10	20.8	21.5	26.2	21.5	27.0	28.0	28.8	24.6	28.0	23.0	23.5	19.8
11	22.4	22.4	27.1	21.9	27.2	25.6	29.6	26.2	26.0	22.7	23.3	18.4
12	23.0	22.4	27.6	24.6	29.7	24.8	30.7	28.6	26.7	22.5	22.7	18.1
13	22.3	22.8	25.2	23.4	30.9	24.0	31.0	30.7	26.8	23.5	19.6	18.0
14	22.4	23.7	20.6	21.3	31.9	25.8	31.2	30.3	27.4	23.0	17.6	17.1
15	19.1	21.1	18.6	24.1	28.6	26.6	32.9	31.6	27.3	23.8	18.6	17.7
16	16.2	20.6	20.0	24.6	23.6	27.2	32.9	29.6	26.4	22.6	20.5	18.5
17	19.6	20.1	19.4	25.8	23.2	26.8	32.6	27.7	26.5	22.6	21.6	18.9
18	20.2	22.4	19.1	27.0	21.4	26.6	32.1	27.1	25.6	22.8	17.3	19.3
19	18.2	22.5	20.2	26.0	21.4	26.3	31.6	28.1	25.0	23.1	15.9	19.9

20	18.8	24.9	19.1	24.2	21.7	27.3	32.3	29.4	25.2	23.0	18.1	20.7
21	18.6	30.0	18.9	23.8	24.4	28.1	31.4	30.0	24.9	23.7	19.4	21.0
22	18.2	26.4	20.2	24.9	25.9	26.7	29.6	31.6	24.2	22.1	17.4	22.2
23	19.4	25.8	20.8	26.3	26.2	27.0	27.8	30.6	26.5	22.2	15.6	20.8
24	18.8	27.3	19.2	26.1	24.9	27.0	28.8	28.2	24.2	23.7	15.1	18.8
25	17.0	26.7	19.4	26.2	27.9	27.9	29.5	26.3	22.9	25.2	16.7	16.6
26	17.5	20.4	19.9	25.2	30.0	28.4	28.9	27.1	22.8	22.8	17.4	16.2
27	19.1	18.2	20.8	25.1	31.2	29.2	28.8	28.2	23.1	21.8	16.6	16.9
28	22.8	18.2	23.5	26.7	32.1	30.1	28.9	28.4	24.1	21.9	16.0	16.9
29	21.8	-99.0	27.5	25.4	31.4	29.7	30.1	28.6	25.3	22.3	15.4	18.6
30	21.7	-99.0	27.7	26.0	28.2	30.1	30.8	28.0	25.0	21.8	18.0	20.3
31	14.7	-99.0	29.3	-99.0	28.2	-99.0	31.2	26.7	-99.0	22.4	-99.0	21.2
1980												
1	22.5	12.5	23.9	20.2	28.8	27.7	28.0	29.5	25.1	23.5	22.6	23.3
2	22.0	14.7	25.0	18.5	29.3	25.9	29.4	28.4	25.5	24.2	22.0	20.8
3	22.1	16.0	25.2	21.5	29.6	25.9	31.4	29.2	25.8	25.0	20.5	21.2
4	21.6	17.4	27.2	24.3	29.1	25.0	32.1	30.5	27.1	24.4	20.2	22.2
5	18.6	14.2	26.3	25.6	26.5	26.8	32.2	32.2	25.1	24.4	21.7	22.7
6	18.2	14.0	26.4	25.6	27.0	27.8	31.2	32.0	25.9	23.8	23.9	24.4
7	15.7	14.1	26.6	26.2	29.2	28.7	30.4	30.2	26.1	24.6	23.8	24.5
8	16.2	12.2	27.7	26.6	28.2	28.0	29.5	30.6	26.9	25.7	24.4	23.0
9	16.4	10.3	21.4	26.0	22.6	28.1	29.9	28.4	26.0	25.4	23.6	19.2
10	18.6	11.3	20.8	22.5	24.7	27.5	30.9	30.3	26.1	25.8	22.4	18.8
11	20.7	12.6	22.4	24.2	27.2	26.5	31.9	30.2	24.7	26.5	22.2	21.0
12	20.6	13.0	22.2	27.4	28.9	28.0	32.5	31.1	25.6	26.0	21.2	17.8
13	21.8	13.6	23.2	29.5	31.2	29.8	31.2	30.2	26.1	26.0	21.7	17.6
14	17.5	14.7	23.8	20.7	30.6	28.0	30.0	29.0	26.5	25.2	21.9	18.2
15	14.8	15.2	21.6	20.6	29.3	29.0	31.7	28.6	26.1	25.0	21.9	18.2
16	16.3	16.3	19.5	19.8	27.4	29.0	29.8	27.4	25.7	25.8	22.8	18.5
17	16.2	17.2	21.6	21.1	24.6	28.4	28.8	28.2	23.2	26.3	21.1	19.6
18	17.0	18.4	23.8	22.1	26.2	27.4	28.4	27.4	23.6	26.9	19.9	20.2
19	18.0	19.6	24.6	26.0	25.3	27.4	27.6	26.1	25.6	23.6	20.0	17.2
20	19.0	21.1	23.5	28.0	24.9	25.9	27.5	27.8	26.6	23.0	21.3	14.9
21	18.6	21.4	23.6	29.4	25.4	26.6	27.0	27.4	26.2	24.4	21.4	14.6
22	16.2	19.4	23.3	31.9	26.6	26.8	28.2	26.1	25.7	25.7	21.2	14.6
23	17.4	19.9	23.8	32.2	27.8	26.2	27.0	27.6	25.3	26.2	21.3	15.0
24	19.6	21.2	23.3	32.2	29.9	26.6	27.4	28.4	23.8	25.2	22.4	15.4
25	19.6	22.7	23.1	28.2	31.4	27.5	25.8	28.2	24.8	22.8	22.7	18.4
26	20.6	25.1	20.4	24.0	25.5	26.0	25.7	27.8	23.1	21.7	23.0	18.8
27	21.8	19.8	18.3	25.4	23.7	27.0	28.0	28.0	23.2	20.1	23.4	18.0
28	22.6	19.1	20.8	27.8	26.4	28.5	29.9	28.9	23.8	18.6	22.3	16.4
29	21.9	-99.0	22.2	29.6	29.8	29.6	29.8	28.9	23.8	18.6	23.0	15.4
30	16.9	-99.0	25.5	28.9	30.5	27.8	29.2	25.0	25.1	19.8	22.5	16.6
31	12.6	-99.0	26.6	-99.0	31.6	-99.0	29.8	24.2	-99.0	22.0	-99.0	17.3
1981												
1	17.5	21.2	20.4	24.0	27.2	29.6	28.6	29.0	29.8	29.0	23.2	14.8
2	15.8	19.3	20.8	25.5	26.4	27.8	29.7	29.3	29.9	28.3	24.2	14.3
3	15.6	20.6	22.0	26.4	24.5	28.4	26.8	27.4	29.9	26.2	24.3	14.6
4	16.4	18.5	22.2	29.4	19.3	29.6	25.2	27.0	30.5	25.6	24.8	16.0
5	19.4	19.0	18.5	29.6	21.0	29.3	26.0	25.9	28.5	25.9	26.0	17.2
6	20.7	18.8	18.8	29.6	22.8	26.9	27.0	28.3	27.2	25.8	24.4	16.8
7	21.6	16.4	18.2	28.5	24.6	27.6	26.9	29.3	28.0	25.3	20.2	15.3
8	20.4	18.4	19.5	28.8	26.4	27.1	28.0	29.4	27.2	26.6	15.0	13.7
9	20.4	19.9	19.2	27.4	28.2	26.4	29.0	28.9	28.0	22.0	13.2	17.2
10	17.8	20.1	19.2	25.6	28.6	27.4	28.3	25.8	27.2	20.0	14.8	17.1
11	13.6	20.2	20.7	26.6	31.3	27.2	29.2	29.1	26.4	20.3	16.6	17.3
12	11.9	21.7	23.2	23.5	30.7	25.6	29.6	29.4	28.0	20.9	18.4	19.2
13	13.4	22.8	23.8	23.6	28.9	24.0	29.1	29.1	28.1	23.3	19.1	18.8
14	15.0	23.6	24.4	25.1	29.2	26.6	27.6	29.1	27.0	23.7	19.8	17.8
15	15.1	25.5	23.2	25.2	28.1	27.6	27.4	27.9	24.5	24.0	20.8	15.8
16	15.8	23.3	23.6	26.2	25.3	27.8	27.7	27.6	22.2	24.4	21.6	15.2
17	15.7	21.8	26.8	26.3	25.2	26.6	27.1	27.8	22.3	26.2	20.1	15.2
18	17.3	22.9	28.2	27.7	25.9	27.1	27.6	27.9	23.2	27.2	19.3	14.2
19	18.8	22.3	25.9	28.1	26.0	27.7	26.4	26.0	24.6	27.2	20.7	12.6
20	18.5	20.2	23.5	25.0	26.3	28.0	24.9	27.2	24.6	26.8	22.0	12.8
21	19.6	19.4	24.2	24.6	20.8	29.6	26.3	28.6	26.2	26.8	22.6	13.3
22	20.0	24.1	28.3	26.5	21.9	30.0	27.6	29.6	26.6	27.2	22.2	15.4
23	21.0	25.5	27.2	27.2	23.2	28.5	28.9	30.3	26.2	20.5	23.0	16.1
24	21.0	24.3	27.7	28.0	25.7	28.8	28.4	31.6	27.0	18.9	24.9	15.0
25	20.2	20.5	25.5	27.1	27.0	29.2	28.4	31.8	25.2	20.0	23.8	16.0
26	19.4	16.4	25.3	25.2	27.2	31.2	31.8	30.3	26.4	19.9	23.1	17.1
27	19.0	16.1	24.3	25.9	28.8	29.6	28.2	28.2	27.0	20.1	21.6	18.3
28	18.0	18.4	24.2	27.8	29.8	29.5	30.4	29.4	25.8	21.1	18.2	18.9
29	19.0	-99.0	24.7	26.5	30.0	30.2	28.8	29.0	27.1	20.9	17.4	20.1
30	21.1	-99.0	25.4	26.4	29.7	30.3	28.2	29.4	28.8	22.2	16.6	21.3
31	22.2	-99.0	25.3	-99.0	30.0	-99.0	28.9	30.2	-99.0	23.1	-99.0	20.4
1982												

1	18.0	19.7	16.7	24.2	27.2	31.5	29.8	30.0	28.4	25.9	23.9	17.5
2	20.0	20.2	18.1	26.0	26.0	31.6	31.5	30.1	26.9	25.8	23.1	20.4
3	20.2	20.3	18.9	22.2	26.2	29.0	31.0	31.0	24.7	25.8	23.0	22.2
4	21.2	22.4	20.9	17.2	26.8	27.1	29.7	30.0	24.5	26.1	23.6	22.6
5	17.2	21.9	24.6	17.0	27.8	28.2	30.0	29.8	24.2	25.2	24.1	23.4
6	18.0	21.3	26.3	19.2	29.1	28.0	29.8	30.2	24.2	25.3	24.6	18.9
7	16.0	18.8	25.5	19.6	24.4	24.2	29.5	28.2	26.5	25.8	24.0	16.4
8	15.4	17.0	20.6	19.3	26.5	25.6	31.4	29.6	26.5	25.8	23.6	18.4
9	15.6	16.7	17.6	18.6	30.0	27.8	30.2	28.2	25.6	24.2	22.6	20.4
10	16.4	15.0	18.1	19.0	31.6	27.4	30.1	27.2	27.2	23.8	20.4	21.6
11	17.9	12.5	19.5	20.9	34.0	27.0	29.6	27.5	27.0	24.2	19.4	18.9
12	19.8	14.0	20.8	22.4	33.4	27.1	30.6	27.9	27.6	23.6	22.2	14.7
13	19.4	15.0	22.2	23.2	28.0	29.6	31.1	28.5	27.6	22.8	23.8	14.1
14	19.0	13.4	23.8	21.2	21.2	29.9	28.6	27.1	26.2	23.8	24.6	13.0
15	18.5	12.3	23.8	19.9	22.6	30.0	27.3	28.9	26.1	24.4	24.1	15.6
16	18.5	12.2	23.4	22.3	23.8	30.1	27.6	29.4	26.1	24.0	23.2	16.3
17	14.3	14.2	24.2	23.8	26.4	31.0	27.2	31.2	26.2	23.6	22.0	14.6
18	13.2	18.2	24.0	23.8	27.2	31.5	28.5	28.8	27.3	23.3	22.8	13.5
19	15.9	19.7	24.0	24.0	26.8	31.4	27.4	27.2	27.4	22.6	22.4	12.3
20	16.6	20.8	24.3	26.0	27.3	32.5	27.0	27.8	28.2	24.0	22.1	11.9
21	20.6	20.9	24.8	26.6	26.1	32.6	27.2	27.8	26.6	23.9	24.4	12.2
22	20.1	21.8	24.0	27.9	26.9	32.4	29.9	26.6	26.8	24.2	24.8	13.8
23	20.8	22.5	25.0	25.4	26.9	29.2	30.1	26.8	26.5	25.1	24.1	16.2
24	19.7	20.7	24.5	25.9	27.3	26.8	30.5	27.1	25.5	24.7	22.3	17.4
25	20.1	19.3	23.6	27.4	27.7	26.1	31.4	27.9	25.6	23.4	21.3	17.5
26	20.3	19.0	22.6	27.0	27.7	27.0	30.1	27.6	24.6	24.3	20.6	13.8
27	17.6	18.3	18.8	28.9	29.8	26.5	31.0	28.6	25.2	25.1	21.1	10.8
28	18.7	17.6	17.8	29.6	29.1	26.7	30.7	29.0	25.6	25.7	22.4	11.8
29	20.2	-99.0	18.2	29.8	28.6	26.4	31.2	28.8	25.1	25.6	17.9	13.5
30	19.6	-99.0	19.4	30.8	31.0	28.3	30.8	28.4	25.7	25.0	16.5	14.6
31	20.0	-99.0	21.2	-99.0	32.2	-99.0	27.4	28.5	-99.0	24.0	-99.0	16.8
1983												
1	17.4	23.4	19.7	18.1	22.8	32.1	32.0	26.8	26.9	26.5	21.0	14.8
2	18.1	21.6	19.2	18.2	23.5	33.0	32.8	25.8	27.2	25.2	22.4	16.2
3	17.5	17.6	20.2	19.2	24.6	32.2	31.7	26.7	26.1	23.8	23.0	17.2
4	17.6	16.6	17.6	19.0	25.4	34.2	31.5	27.2	26.8	26.1	22.4	15.0
5	16.6	16.1	13.7	20.2	23.6	33.6	32.8	26.2	26.9	27.5	22.2	16.2
6	16.2	17.2	13.4	21.6	25.8	24.8	31.6	25.2	27.7	27.2	21.4	17.4
7	17.5	17.5	14.3	23.3	26.2	24.0	32.6	26.0	26.0	27.0	23.2	17.2
8	17.4	17.1	15.0	27.4	26.0	24.8	32.5	25.7	27.2	24.4	23.7	17.4
9	15.6	18.2	16.7	30.2	27.4	26.6	30.6	26.2	28.9	23.0	23.8	15.6
10	14.8	19.2	17.4	28.2	29.5	27.5	29.6	27.3	30.6	23.2	23.6	18.0
11	14.3	18.4	19.7	30.2	30.5	28.6	29.2	27.6	29.0	23.6	24.1	19.2
12	13.0	15.6	18.7	28.8	31.2	29.3	29.9	28.2	26.3	24.7	22.8	-99.0
13	12.6	14.4	19.2	31.2	31.6	28.8	30.2	28.8	25.8	24.6	20.8	-99.0
14	13.7	15.5	18.2	29.0	31.3	28.5	30.5	29.0	26.3	24.7	20.3	-99.0
15	15.8	17.8	20.2	29.0	30.8	30.4	30.4	28.4	27.0	24.4	19.4	-99.0
16	17.3	17.6	18.0	22.9	25.9	31.6	28.6	28.0	28.7	24.9	19.4	-99.0
17	18.8	16.5	15.7	20.8	24.8	32.3	28.7	28.2	29.0	25.3	20.2	-99.0
18	18.8	16.7	16.3	22.3	26.8	34.5	26.7	28.3	29.5	25.6	19.7	-99.0
19	15.6	18.4	17.5	24.0	28.4	34.2	28.5	26.5	28.0	25.5	18.4	-99.0
20	11.3	18.6	23.8	25.6	33.0	34.6	28.9	26.6	26.8	25.4	19.4	-99.0
21	10.6	15.2	27.8	25.0	34.7	33.3	30.0	28.0	27.4	25.8	18.8	20.6
22	8.9	14.9	28.8	23.8	31.8	30.0	29.8	29.8	26.6	25.6	18.3	20.8
23	9.3	15.8	26.2	25.0	31.8	27.0	29.6	30.0	26.5	24.1	18.3	17.2
24	10.3	16.6	27.0	24.4	33.3	28.0	30.0	30.7	25.8	24.9	16.5	14.4
25	11.3	16.5	20.4	26.0	32.8	28.0	30.0	26.8	27.0	24.2	16.6	13.1
26	13.1	16.4	18.4	26.1	28.2	25.2	32.0	24.9	27.6	20.6	17.1	12.5
27	15.2	16.4	20.0	26.6	29.0	27.0	30.8	27.6	27.6	19.1	16.5	12.4
28	17.0	16.9	18.2	28.0	30.1	28.0	30.1	28.4	24.8	20.0	14.8	11.6
29	20.1	-99.0	17.3	27.3	29.6	29.2	30.2	27.1	23.8	19.8	14.3	9.4
30	20.8	-99.0	17.5	23.5	31.6	30.6	29.6	27.2	25.2	19.1	14.2	10.3
31	21.4	-99.0	16.9	-99.0	32.0	-99.0	28.6	26.7	-99.0	18.8	-99.0	11.2
1984												
1	11.2	12.8	11.6	26.0	26.4	30.3	29.9	27.7	27.2	25.4	21.4	18.2
2	13.8	14.2	13.5	25.9	29.1	27.6	29.7	27.9	26.4	25.5	20.1	17.5
3	14.0	14.3	13.2	30.4	28.8	27.1	29.9	28.4	24.8	26.5	21.5	19.5
4	13.4	14.9	16.1	34.2	27.0	29.3	29.4	26.8	25.9	26.2	22.2	19.4
5	13.2	15.8	16.2	34.3	23.4	29.7	30.6	26.4	25.4	25.6	22.8	18.2
6	13.4	12.4	17.2	34.2	22.3	29.4	29.2	27.4	26.1	23.6	23.6	17.9
7	13.7	11.0	17.7	34.4	20.7	27.0	29.5	27.0	27.0	22.6	23.2	20.3
8	13.1	11.8	16.4	25.3	22.4	27.4	28.4	26.6	27.8	24.5	22.9	21.6
9	12.1	13.3	16.1	25.6	24.7	27.4	29.1	26.8	26.2	25.7	25.0	21.4
10	12.1	14.6	16.3	25.2	25.8	26.6	28.1	25.8	27.0	26.1	26.6	21.6
11	14.6	15.1	17.0	26.0	27.4	26.8	27.5	25.8	28.0	26.5	25.8	21.8
12	15.6	16.3	18.6	25.1	27.3	28.9	27.8	26.9	26.8	25.6	25.5	21.7
13	17.9	17.2	23.3	23.9	27.2	30.7	27.7	26.2	25.9	22.6	25.1	22.1

14	17.4	16.6	24.1	25.3	25.6	31.8	25.4	25.4	24.9	21.6	24.3	21.6
15	18.8	15.5	24.1	25.3	28.9	32.0	28.3	25.4	25.6	22.5	23.3	22.6
16	19.6	17.4	21.9	26.2	27.6	30.2	29.0	25.0	26.8	24.0	23.8	23.2
17	20.4	18.1	22.3	27.2	28.5	30.9	29.4	27.4	26.6	23.5	24.2	23.1
18	21.1	15.6	25.9	28.1	25.9	31.2	30.2	26.5	25.6	20.7	23.6	22.9
19	18.6	15.3	28.8	26.6	29.0	30.0	32.1	26.6	25.7	21.5	21.7	20.2
20	16.0	17.4	21.9	28.6	27.9	28.4	32.6	28.6	25.6	22.6	20.9	17.7
21	14.1	19.3	17.4	28.0	27.8	27.6	31.9	28.3	26.2	21.3	21.2	16.3
22	11.0	21.8	17.3	22.8	27.2	28.7	31.1	29.2	24.8	21.3	21.0	13.5
23	13.1	20.4	17.6	21.9	26.4	29.6	32.0	29.6	26.0	21.3	20.4	12.6
24	14.0	20.6	18.4	23.6	27.0	30.2	31.6	30.4	26.2	21.6	20.0	11.6
25	13.0	20.3	20.3	23.8	25.0	29.6	31.8	29.7	26.8	21.4	19.1	12.2
26	12.0	15.8	22.2	26.0	25.0	26.9	32.0	28.7	27.4	20.7	20.0	13.6
27	13.0	14.0	23.2	27.5	26.0	29.3	31.2	28.4	25.8	20.3	18.6	13.8
28	14.4	13.8	19.9	24.2	26.6	29.2	28.5	26.9	24.5	20.4	18.3	12.8
29	15.2	-99.0	19.3	22.6	28.1	29.0	26.0	26.9	24.0	21.0	17.4	10.3
30	14.4	-99.0	21.4	23.8	29.7	29.5	25.5	27.5	25.2	20.9	17.4	11.2
31	12.8	-99.0	23.6	-99.0	31.0	-99.0	25.8	26.6	-99.0	22.1	-99.0	15.0
1985												
1	16.6	15.4	20.1	16.5	24.0	29.0	30.0	28.1	26.3	22.7	21.4	18.2
2	18.0	15.6	23.0	18.0	26.7	30.1	30.0	27.8	25.2	20.6	20.1	17.5
3	19.8	17.1	22.4	17.4	28.4	30.5	32.0	28.0	26.8	23.3	21.5	19.5
4	18.3	19.2	17.7	19.0	30.8	29.3	30.5	27.7	27.2	23.7	22.2	19.4
5	16.1	22.6	15.6	20.2	32.8	30.1	30.0	29.6	28.4	23.0	22.8	18.2
6	16.9	22.0	18.6	21.7	29.8	29.8	28.0	29.8	28.4	22.5	23.6	17.9
7	18.2	22.1	20.5	22.7	28.2	31.1	27.7	29.8	30.9	23.0	23.2	-99.0
8	15.9	23.5	22.7	21.5	27.4	33.4	28.5	28.1	28.5	23.9	22.9	-99.0
9	15.4	21.7	20.6	24.6	26.7	32.5	28.4	27.6	26.2	24.4	-99.0	21.4
10	13.1	20.0	17.6	29.0	26.2	32.7	28.3	27.0	23.7	25.4	-99.0	21.6
11	13.8	18.5	15.8	23.7	26.3	31.8	26.9	28.3	25.3	25.4	25.8	21.8
12	15.0	18.0	14.2	24.6	26.8	30.2	26.4	27.8	25.6	25.2	25.5	-99.0
13	13.8	17.6	14.2	22.2	28.1	26.8	27.0	28.1	24.2	26.0	-99.0	-99.0
14	13.3	18.4	13.9	19.2	26.6	25.8	29.2	27.5	25.5	26.1	-99.0	-99.0
15	14.4	21.2	13.3	18.8	27.0	25.4	28.2	27.4	24.6	24.8	-99.0	-99.0
16	15.6	22.5	14.0	20.2	26.5	27.2	28.0	28.6	24.7	25.2	-99.0	-99.0
17	16.4	24.0	15.5	22.1	24.7	26.6	27.7	29.6	25.9	25.9	-99.0	-99.0
18	15.5	20.7	16.6	22.5	25.2	26.0	27.2	29.9	25.8	25.6	-99.0	-99.0
19	16.9	20.2	16.0	22.1	26.2	24.6	28.4	29.8	26.1	25.2	21.7	-99.0
20	18.4	18.4	16.4	22.9	26.4	24.0	30.0	30.0	24.8	25.2	20.9	17.7
21	19.2	16.2	15.7	23.8	26.3	25.4	30.3	29.6	25.5	20.8	21.2	16.3
22	19.4	15.2	15.7	23.6	27.3	27.0	29.8	28.1	26.8	19.5	21.0	13.5
23	21.3	14.4	16.5	24.4	27.6	29.0	27.4	27.1	25.6	20.4	20.4	12.6
24	21.0	15.3	18.4	26.0	27.4	30.4	27.2	27.4	23.4	22.6	20.0	11.6
25	16.4	17.0	20.1	27.7	27.6	31.3	27.0	28.0	23.2	24.0	19.1	12.2
26	14.4	17.7	22.9	24.9	29.6	32.1	30.8	28.6	22.2	24.7	20.0	13.6
27	16.2	17.0	26.5	20.0	31.6	30.6	30.0	28.4	24.5	25.6	18.6	13.8
28	17.4	17.7	28.3	20.9	32.2	31.0	29.4	26.9	23.6	25.2	18.3	12.8
29	15.9	-99.0	23.6	22.0	30.9	30.7	28.3	29.0	24.0	25.2	17.4	10.3
30	12.4	-99.0	17.2	23.6	30.6	29.5	25.2	27.7	23.9	24.7	17.4	11.2
31	14.7	-99.0	15.4	-99.0	29.8	-99.0	27.3	27.9	-99.0	22.0	-99.0	15.0
1986												
1	14.0	21.9	10.5	20.1	25.6	30.4	32.2	28.7	29.1	19.9	22.2	15.9
2	13.6	21.7	10.5	21.6	24.0	31.5	34.4	27.9	28.3	20.1	22.6	16.8
3	17.1	19.7	11.4	22.8	23.0	27.1	32.6	27.6	28.3	22.1	22.6	17.0
4	15.1	16.1	11.8	23.8	24.5	28.5	32.2	26.2	28.0	24.2	22.4	15.7
5	14.7	17.4	13.1	24.3	25.4	29.0	30.2	27.2	26.4	24.2	22.6	17.2
6	13.1	15.8	15.2	24.0	24.9	29.0	30.3	28.1	25.4	23.4	23.7	19.6
7	14.0	14.3	17.2	22.2	23.8	29.8	29.8	26.7	26.1	24.6	23.8	19.0
8	13.9	13.1	19.8	22.9	25.5	29.9	30.2	25.8	25.8	24.9	21.1	17.2
9	15.0	15.3	20.1	23.8	24.6	30.3	28.8	25.8	26.0	25.0	18.9	17.2
10	16.3	15.4	20.2	26.0	25.5	30.8	28.5	25.2	25.6	23.5	19.2	17.1
11	15.6	15.5	21.0	25.3	28.0	30.6	28.8	24.4	25.7	21.5	20.0	16.6
12	16.6	19.3	22.5	26.5	28.6	26.6	30.4	27.9	27.0	20.8	20.3	18.6
13	18.0	20.3	25.1	25.8	29.9	27.3	29.7	28.6	27.8	21.4	21.0	19.7
14	18.8	21.8	26.4	26.1	30.6	29.2	30.4	27.8	28.5	23.0	21.9	22.2
15	18.7	21.2	27.0	24.1	27.2	30.0	29.5	27.3	27.4	24.6	22.1	21.9
16	19.5	22.6	26.2	22.7	26.5	31.0	28.1	26.7	27.2	25.2	21.4	22.0
17	20.8	23.5	28.0	25.3	25.4	29.9	30.0	27.8	27.5	25.8	20.0	21.8
18	20.8	21.6	27.8	28.0	25.6	29.7	31.3	28.8	26.1	26.2	21.2	21.1
19	21.5	17.6	22.4	28.2	25.5	27.8	29.1	28.7	25.7	25.3	20.5	17.0
20	20.6	16.4	24.0	27.7	29.0	28.8	26.8	28.7	25.0	24.7	18.8	17.6
21	20.6	16.4	23.4	25.7	28.4	28.9	27.1	28.5	24.6	25.0	18.9	18.2
22	20.2	17.0	20.8	23.4	23.5	28.8	27.2	26.1	24.4	24.6	20.9	16.2
23	20.1	18.6	19.9	24.5	25.1	27.4	27.3	27.8	24.8	24.6	19.5	18.0
24	22.0	16.7	18.1	26.0	26.1	28.8	28.4	28.4	24.4	23.8	20.0	18.5
25	20.1	16.4	19.0	27.1	27.2	28.8	28.7	27.0	24.4	25.0	19.2	19.6
26	14.7	16.8	20.0	26.5	27.5	28.9	29.0	25.6	25.0	26.1	18.2	19.9

27	14.7	16.3	20.0	25.4	26.4	30.7	28.9	27.0	25.2	27.1	18.0	19.4
28	16.5	14.4	21.2	25.3	28.4	32.1	27.8	27.9	25.8	25.4	17.8	19.1
29	19.3	-99.0	26.1	25.8	28.6	31.2	27.5	28.8	25.3	22.2	17.4	18.6
30	20.2	-99.0	29.2	26.1	31.2	31.6	27.3	29.6	24.6	20.0	16.0	20.4
31	19.8	-99.0	21.5	-99.0	30.2	-99.0	27.8	30.0	-99.0	20.1	-99.0	21.9
1987												
1	21.7	19.2	16.4	25.2	28.6	28.2	31.3	30.6	29.2	24.3	26.2	15.0
2	23.2	19.6	16.7	26.4	29.6	25.4	31.4	30.6	28.4	25.4	25.6	13.7
3	23.0	18.3	16.2	20.2	30.3	26.7	29.6	30.9	28.2	26.6	21.6	14.7
4	22.2	16.3	19.1	21.5	27.9	29.0	29.4	30.0	28.4	26.2	20.2	15.6
5	19.6	17.1	21.8	28.0	28.1	29.3	28.8	30.0	28.2	27.1	20.3	15.7
6	19.3	18.9	24.3	29.4	28.6	29.8	29.3	30.0	26.7	27.5	20.9	14.0
7	19.8	18.7	25.9	22.6	28.8	26.4	30.2	30.6	26.7	25.2	19.8	12.8
8	19.8	19.7	26.2	22.0	26.4	24.0	30.2	28.2	26.4	25.8	18.8	12.8
9	18.8	19.3	28.7	23.8	27.9	25.4	30.6	27.1	26.3	26.6	20.1	12.6
10	20.0	21.6	27.0	27.7	26.2	27.8	30.3	28.0	27.4	27.1	21.9	17.0
11	20.0	23.3	26.2	28.2	25.9	29.5	31.0	28.0	27.0	27.9	23.4	17.8
12	19.9	23.4	26.2	28.2	27.0	29.1	31.5	27.5	27.0	28.8	23.0	17.8
13	18.5	22.8	27.4	22.5	27.6	30.9	30.7	28.0	25.1	27.8	24.4	19.2
14	18.2	23.3	27.8	19.5	27.4	31.4	28.2	28.8	26.2	26.8	25.0	18.0
15	19.6	23.1	28.5	19.1	29.6	29.6	28.8	27.3	25.5	28.0	26.3	16.0
16	20.0	22.4	26.4	20.2	31.3	25.8	28.6	25.1	25.3	27.8	25.4	16.5
17	19.6	23.3	26.8	20.9	28.0	27.2	28.0	26.6	25.6	28.0	26.0	13.6
18	19.5	23.1	27.7	22.4	27.6	28.2	30.0	27.8	27.1	27.4	20.9	13.6
19	20.6	23.6	26.7	25.2	29.7	28.7	31.2	29.2	26.6	25.4	20.4	13.8
20	21.4	24.2	27.2	26.9	31.3	29.3	32.5	29.8	25.6	25.8	20.5	16.1
21	21.7	21.8	27.9	27.3	32.2	28.2	32.8	28.8	27.0	27.9	22.4	16.3
22	22.0	22.4	28.2	26.8	34.6	29.4	31.4	25.6	27.4	25.3	23.8	14.5
23	22.3	23.7	28.8	27.8	31.2	30.2	28.5	27.2	26.1	20.9	23.6	16.7
24	20.2	23.2	29.2	28.0	31.5	33.0	28.2	29.0	26.3	20.6	24.4	15.6
25	17.1	20.5	24.6	29.4	33.9	33.2	29.6	29.1	26.7	20.4	24.6	18.0
26	13.1	22.8	18.9	26.8	31.6	32.8	30.1	29.8	22.5	20.0	24.4	18.3
27	12.4	21.0	20.2	24.4	31.1	33.3	30.8	29.8	23.6	21.0	25.4	19.3
28	12.5	16.4	21.2	24.1	26.9	31.7	33.4	31.0	24.6	22.4	23.7	19.9
29	16.8	-99.0	22.9	26.4	25.1	31.4	28.9	31.2	25.3	24.2	17.8	21.4
30	18.6	-99.0	23.7	26.9	26.9	31.2	30.9	30.8	25.6	25.9	14.8	20.7
31	19.6	-99.0	25.5	-99.0	28.7	-99.0	29.2	29.4	-99.0	26.0	-99.0	20.2
1988												
1	19.4	23.5	17.4	18.9	27.0	26.8	31.4	27.6	32.0	22.1	19.8	17.6
2	19.1	20.8	15.6	19.4	26.7	27.5	31.0	25.4	30.4	23.0	20.5	16.6
3	21.0	19.2	14.1	19.3	27.4	26.9	28.5	27.4	31.5	23.3	22.2	18.3
4	21.9	19.6	14.0	20.2	29.3	26.2	27.2	28.7	30.2	23.8	-99.0	18.8
5	20.5	21.3	13.0	21.8	30.6	24.6	29.0	30.0	28.3	24.4	-99.0	-99.0
6	17.2	23.2	13.8	23.6	30.5	26.6	30.4	27.8	28.7	25.1	-99.0	19.0
7	19.3	22.9	13.0	21.5	29.8	26.8	31.0	26.4	29.3	26.6	19.5	20.7
8	19.3	20.4	13.2	17.0	30.7	27.8	32.6	26.8	29.1	24.7	19.4	21.4
9	19.4	17.5	14.7	18.7	29.6	29.8	32.2	27.7	28.4	23.4	-99.0	18.9
10	19.2	17.4	17.0	19.8	28.2	31.1	31.5	26.6	28.4	23.5	-99.0	15.4
11	19.1	16.0	20.6	20.1	27.1	30.9	29.8	28.4	27.5	21.9	19.6	-99.0
12	17.8	16.7	22.7	20.5	27.1	30.4	27.8	28.8	27.6	23.0	-99.0	-99.0
13	18.4	18.9	27.2	21.8	27.1	30.6	27.0	28.6	27.8	24.4	18.5	16.7
14	19.4	19.9	29.3	21.6	26.8	28.8	28.4	29.2	28.3	25.6	20.6	18.6
15	21.3	18.2	29.1	20.7	24.7	29.7	26.0	30.4	26.4	25.6	20.8	19.0
16	20.3	18.4	27.4	22.0	25.6	29.0	28.1	28.7	24.2	24.9	22.0	17.4
17	20.4	16.6	21.7	23.1	26.8	27.9	27.8	29.6	23.6	24.7	21.5	17.4
18	16.4	12.8	17.7	22.3	27.2	27.8	29.0	29.7	24.6	25.1	20.6	17.2
19	14.1	12.3	18.1	24.4	28.4	29.3	30.4	29.6	24.9	25.5	18.5	19.1
20	16.8	13.4	19.2	28.7	29.6	30.4	32.1	29.9	25.0	24.7	17.6	19.8
21	19.1	15.2	22.2	31.1	31.2	31.0	31.4	29.6	25.5	25.0	-99.0	-99.0
22	20.7	17.4	21.3	24.1	31.6	31.6	30.1	30.0	25.0	24.2	20.6	20.4
23	18.6	19.2	18.1	21.6	31.5	32.0	31.4	28.7	25.2	23.4	21.7	20.8
24	21.6	20.3	17.8	22.4	33.1	32.3	31.0	29.4	25.6	23.0	22.0	20.0
25	23.0	22.9	18.9	23.6	32.4	31.2	30.5	28.3	23.8	22.6	21.2	20.4
26	23.6	23.4	20.7	24.4	29.5	31.1	29.3	28.4	24.8	23.7	20.6	18.8
27	20.8	24.2	24.0	25.4	28.0	31.0	30.0	28.0	25.5	22.0	17.7	17.9
28	19.0	24.2	27.5	25.3	28.3	31.5	32.0	28.4	22.3	20.3	16.4	18.8
29	19.9	-99.0	23.0	24.9	29.2	28.8	31.0	29.2	22.4	16.8	17.4	18.2
30	22.0	-99.0	18.4	26.6	28.3	30.2	28.4	29.0	23.9	18.1	16.6	17.9
31	22.6	-99.0	18.2	-99.0	27.3	-99.0	27.7	30.4	-99.0	19.4	-99.0	17.8
1989												
1	18.0	14.5	22.3	-99.0	25.8	26.9	29.8	28.5	-99.0	27.4	24.6	15.4
2	18.4	14.0	23.4	26.5	27.8	27.1	30.2	27.5	-99.0	26.4	24.6	15.4
3	18.9	-99.0	24.0	30.1	26.1	27.7	28.6	28.5	-99.0	-99.0	25.0	16.2
4	19.2	-99.0	21.0	32.7	24.3	28.2	28.2	28.6	-99.0	24.0	25.3	17.6
5	19.8	14.2	14.7	26.0	22.9	27.7	26.6	28.1	-99.0	24.9	26.2	19.0
6	21.1	15.2	13.8	23.5	24.7	29.2	27.8	29.0	-99.0	24.6	25.6	20.1
7	22.6	16.0	-99.0	22.4	26.6	30.2	29.5	29.1	-99.0	24.9	24.8	20.6

8	23.4	-99.0	-99.0	-99.0	29.5	30.4	30.1	28.5	-99.0	-99.0	-99.0	19.5
9	21.9	-99.0	15.0	-99.0	33.0	28.3	29.5	26.8	-99.0	24.4	23.1	19.6
10	-99.0	-99.0	17.4	-99.0	33.4	26.2	28.9	26.8	-99.0	22.0	21.0	18.7
11	22.8	-99.0	19.0	23.5	30.6	-99.0	28.4	27.2	-99.0	-99.0	22.4	19.8
12	22.5	-99.0	20.9	24.4	28.9	28.2	28.4	27.4	-99.0	24.3	24.6	19.6
13	-99.0	-99.0	22.6	26.6	28.0	27.8	-99.0	27.9	-99.0	22.8	23.8	20.5
14	-99.0	-99.0	23.5	27.0	23.2	26.6	27.9	28.2	-99.0	26.2	23.1	-99.0
15	-99.0	21.6	23.2	-99.0	-99.0	29.0	28.4	28.4	-99.0	25.9	21.0	-99.0
16	-99.0	23.1	22.5	-99.0	26.7	29.6	29.3	29.8	-99.0	24.9	20.1	-99.0
17	15.3	24.6	22.7	-99.0	26.2	31.5	30.9	30.1	-99.0	24.4	19.4	-99.0
18	-99.0	21.4	24.1	27.1	26.8	31.8	31.7	29.2	-99.0	-99.0	-99.0	-99.0
19	-99.0	-99.0	24.7	28.6	26.6	31.2	30.2	29.3	-99.0	-99.0	-99.0	19.8
20	16.5	22.5	24.5	30.2	26.8	30.6	29.4	27.4	-99.0	-99.0	-99.0	-99.0
21	17.3	22.2	-99.0	32.7	27.3	30.9	28.7	27.3	-99.0	-99.0	-99.0	20.5
22	-99.0	20.8	-99.0	-99.0	27.9	32.1	28.7	-99.0	-99.0	-99.0	-99.0	21.3
23	14.2	-99.0	-99.0	-99.0	27.3	31.8	25.8	-99.0	-99.0	-99.0	-99.0	21.9
24	14.9	21.8	21.8	22.6	26.6	28.9	26.8	-99.0	-99.0	-99.0	-99.0	20.7
25	15.2	17.8	21.4	24.9	25.3	27.6	30.4	26.7	-99.0	24.5	-99.0	22.1
26	15.0	18.7	-99.0	26.2	26.0	-99.0	30.0	28.0	-99.0	24.8	-99.0	23.0
27	-99.0	20.0	-99.0	27.0	26.9	28.4	30.5	29.0	-99.0	25.1	20.1	21.3
28	-99.0	20.8	-99.0	27.4	28.5	29.3	29.8	27.9	-99.0	24.8	19.2	21.9
29	-99.0	-99.0	-99.0	27.3	29.4	30.1	27.0	29.4	-99.0	25.6	17.4	21.6
30	-99.0	-99.0	-99.0	24.8	29.6	30.4	26.9	28.8	-99.0	24.6	-99.0	17.8
31	-99.0	-99.0	-99.0	-99.0	26.8	-99.0	27.1	29.4	-99.0	23.1	-99.0	-99.0
1990												
1	18.9	11.8	16.8	29.0	28.7	25.9	30.6	28.6	28.3	25.2	23.8	14.9
2	18.0	13.7	16.3	29.9	29.4	24.1	29.0	29.5	29.2	24.9	24.9	14.8
3	17.3	14.8	16.0	29.2	28.2	25.1	27.4	30.2	27.2	25.4	25.5	14.0
4	18.4	14.3	16.5	24.1	22.0	26.3	28.6	28.6	26.3	24.3	27.2	14.8
5	20.2	14.9	15.3	18.2	22.2	28.8	28.6	27.4	26.2	24.4	27.1	13.9
6	20.0	15.4	14.3	21.5	23.4	30.2	29.4	29.0	27.6	24.2	26.0	15.0
7	20.4	17.3	15.4	22.5	24.1	31.1	31.8	28.6	28.0	24.6	26.3	17.1
8	21.8	19.5	15.5	23.9	25.2	32.0	30.7	28.6	29.0	24.2	27.0	19.9
9	22.3	21.1	15.8	24.3	26.4	25.9	29.1	29.7	29.7	23.3	21.2	19.4
10	23.3	22.0	17.8	27.2	28.1	28.4	28.7	30.8	29.9	23.7	18.8	18.4
11	22.8	21.0	19.8	28.4	25.9	27.8	30.7	30.5	29.5	24.5	19.3	20.2
12	23.3	19.6	20.5	22.8	25.7	28.8	31.0	28.6	28.4	23.8	19.4	20.6
13	23.3	22.4	21.2	22.6	25.8	29.4	31.1	26.3	27.0	23.4	20.6	21.0
14	23.6	23.7	23.5	24.0	26.4	30.7	29.4	28.0	26.2	23.8	19.8	22.2
15	23.8	22.4	21.7	28.8	27.3	30.0	30.9	28.6	25.7	23.1	19.6	22.7
16	16.7	22.9	20.8	31.7	28.0	29.5	30.6	27.9	27.4	23.6	19.6	21.9
17	17.8	22.5	20.1	28.0	22.1	29.6	30.4	28.4	25.8	25.2	21.5	21.1
18	19.0	23.0	19.1	25.3	23.6	28.4	30.5	29.0	26.2	24.6	24.5	21.7
19	18.0	23.8	20.7	28.5	26.1	29.4	28.9	29.3	22.3	23.8	25.6	22.5
20	15.8	25.8	21.7	30.8	27.4	28.8	29.6	30.6	24.7	24.1	23.6	22.8
21	15.2	24.2	23.8	31.9	26.8	28.4	27.3	31.0	27.2	26.3	22.0	21.8
22	15.6	23.7	25.0	33.1	27.8	27.6	24.7	31.0	26.8	26.6	19.8	20.3
23	13.7	22.9	26.9	28.7	27.5	28.0	26.2	31.0	27.3	26.4	20.6	17.2
24	14.6	18.4	28.5	23.3	23.3	28.4	28.0	31.7	27.2	26.2	21.0	17.8
25	15.3	16.0	28.0	23.0	21.9	29.5	29.4	29.2	25.6	20.8	22.0	19.6
26	16.1	15.2	26.2	22.5	24.6	30.5	30.2	27.4	26.6	21.0	20.9	20.5
27	16.9	15.5	26.8	24.3	25.8	30.2	29.6	27.0	27.0	22.1	19.5	22.1
28	19.5	17.4	27.2	26.4	27.0	28.4	29.6	25.0	27.0	22.9	20.5	22.0
29	21.2	-99.0	26.6	26.8	27.6	30.8	26.7	24.3	26.4	21.2	20.2	21.8
30	21.5	-99.0	26.7	27.2	28.5	31.2	27.2	27.3	25.8	21.2	19.2	21.0
31	19.4	-99.0	27.3	-99.0	29.4	-99.0	26.8	27.9	-99.0	23.6	-99.0	21.4
1991												
1	21.0	16.1	23.7	14.8	30.9	27.8	27.5	30.0	28.7	26.7	21.1	22.2
2	22.6	15.8	24.0	16.5	23.9	29.0	27.9	30.9	28.9	27.1	21.3	22.9
3	23.6	17.2	22.0	18.5	23.6	27.8	29.1	29.7	27.4	27.2	19.7	21.6
4	24.5	16.7	21.6	21.2	25.5	26.8	30.7	29.0	26.7	26.1	20.2	18.9
5	20.6	18.4	26.1	23.4	28.9	27.4	31.7	28.9	28.2	24.1	22.4	20.4
6	18.0	20.7	27.7	23.0	30.4	27.6	31.0	27.5	28.6	22.0	22.1	20.5
7	19.7	22.3	27.8	22.4	29.1	26.9	30.4	28.4	29.4	21.3	23.8	20.9
8	19.2	21.3	25.2	25.5	23.7	28.3	30.7	29.7	29.9	23.4	22.9	20.2
9	18.0	23.0	25.5	28.6	21.6	30.4	29.9	30.2	29.7	23.8	22.3	20.4
10	21.0	22.9	26.2	30.4	24.5	31.5	28.8	30.6	28.3	24.6	22.9	20.1
11	22.4	23.3	25.6	31.8	26.6	30.4	28.4	30.0	27.1	25.4	21.7	20.7
12	18.6	23.5	24.8	30.8	28.0	29.5	29.2	27.6	27.4	26.2	19.9	20.1
13	18.0	25.6	24.6	27.2	27.6	30.6	26.3	28.3	25.5	27.0	19.9	20.0
14	18.0	24.2	23.4	27.5	27.1	30.5	27.7	27.1	25.7	27.7	19.5	19.3
15	14.3	20.1	24.5	27.6	26.2	32.8	29.0	26.7	26.6	26.5	18.3	18.4
16	16.4	19.9	22.0	28.4	25.9	33.2	29.9	26.6	24.8	26.5	17.0	19.4
17	18.0	20.4	20.1	28.5	26.5	29.8	28.9	24.6	26.6	24.3	19.6	20.3
18	20.2	20.6	21.0	28.5	28.5	30.6	29.2	26.6	26.8	23.6	18.8	19.4
19	22.1	21.0	22.8	25.9	29.7	31.9	29.4	26.7	27.4	23.5	18.9	19.1
20	22.2	16.5	28.1	22.4	29.6	31.5	29.4	28.2	26.9	23.1	19.7	19.3



21	22.6	14.7	26.8	20.3	30.3	33.0	29.1	29.0	26.0	22.5	21.2	18.5
22	23.7	14.3	25.3	20.2	30.5	30.9	28.7	29.9	26.3	22.0	21.7	20.5
23	22.7	15.9	25.8	21.3	32.7	26.5	27.5	27.9	25.7	20.8	23.5	22.2
24	22.1	15.7	27.3	22.9	33.1	27.3	27.6	26.6	26.2	21.7	23.6	23.6
25	22.0	18.8	28.3	24.2	32.1	25.7	29.5	26.6	27.1	22.2	20.2	22.7
26	21.9	21.6	29.5	24.6	30.2	26.3	27.5	27.1	27.7	23.4	18.8	22.5
27	18.9	23.1	27.0	26.2	28.6	26.6	27.1	27.5	27.5	23.3	18.9	24.6
28	19.3	23.3	25.6	28.9	28.1	27.9	30.2	25.6	26.0	21.4	19.6	12.0
29	18.7	-99.0	22.4	28.8	28.2	29.8	30.3	27.4	24.6	19.4	22.0	8.9
30	18.7	-99.0	21.7	29.8	28.1	27.8	30.3	28.0	26.0	19.6	21.7	11.3
31	18.6	-99.0	17.3	-99.0	27.4	-99.0	30.4	27.8	-99.0	20.2	-99.0	14.3

1992

1	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
2	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
3	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
4	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
5	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
6	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
7	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
8	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
9	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
10	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
11	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
12	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
13	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
14	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
15	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
16	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
17	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	21.2	-99.0	-99.0
18	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
19	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
20	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	21.5	-99.0	-99.0
21	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	21.2	-99.0	-99.0
22	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
23	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
24	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
25	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	21.1	-99.0	-99.0
26	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	20.9	-99.0	-99.0
27	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
28	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
29	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
30	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
31	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0

1993

1	20.8	15.5	16.5	27.1	30.0	30.9	30.0	30.0	25.6	24.2	18.3	21.7
2	21.5	13.9	16.9	29.9	31.4	30.8	30.9	28.7	27.3	22.0	18.5	22.4
3	21.5	16.2	17.4	29.9	24.9	31.3	29.7	30.2	27.2	22.8	18.8	23.6
4	21.9	17.4	17.6	29.5	24.3	31.4	31.0	30.4	26.8	22.1	19.9	21.9
5	21.6	19.1	20.1	25.0	28.5	31.4	31.6	30.8	26.7	23.4	22.0	18.6
6	21.3	18.8	21.1	23.8	30.3	31.5	31.1	33.4	25.6	22.6	22.1	16.1
7	21.8	18.7	22.2	19.6	30.5	31.0	32.5	32.1	23.1	22.8	22.8	16.9
8	22.5	20.8	22.5	18.0	29.5	32.0	30.6	32.2	23.7	22.7	23.8	16.0
9	21.8	21.4	23.2	17.4	29.7	31.0	29.6	31.4	25.5	23.2	24.1	18.2
10	21.7	19.9	21.5	20.0	28.6	31.4	27.5	31.5	26.5	24.2	24.3	17.9
11	22.5	20.3	21.6	23.9	27.1	32.2	25.6	32.5	26.9	22.8	24.5	18.7
12	22.8	20.9	22.9	23.2	27.3	31.1	24.8	32.2	27.8	23.8	23.9	21.2
13	23.0	21.7	22.0	24.2	30.7	30.9	27.2	29.3	28.1	23.3	23.7	22.5
14	23.5	20.7	26.9	24.7	27.6	33.1	27.9	30.2	28.4	24.1	23.7	20.7
15	16.3	21.5	28.4	24.6	25.9	31.9	29.0	28.8	28.3	24.3	24.0	16.8
16	10.9	21.9	29.3	27.0	25.4	32.5	29.8	26.4	28.2	21.9	23.7	13.8
17	10.8	21.5	26.3	28.1	25.5	31.2	30.9	26.8	28.3	22.2	24.2	12.6
18	11.3	23.0	18.9	28.3	26.4	31.3	31.5	28.9	27.1	21.2	23.7	14.1
19	12.6	24.0	16.3	27.5	28.4	31.7	32.2	29.5	25.7	19.9	24.5	14.9
20	13.2	24.3	16.7	28.2	27.7	32.4	32.6	28.6	25.6	20.9	25.0	15.3
21	12.8	24.3	17.2	25.3	28.4	32.7	31.5	29.3	25.7	21.6	19.9	15.6
22	12.6	22.4	18.4	25.4	27.4	31.4	30.9	28.1	26.7	20.4	17.2	14.8
23	12.1	20.8	20.7	28.4	27.5	29.2	30.9	27.6	25.3	22.6	17.5	13.3
24	10.4	18.4	24.3	29.0	27.9	29.5	29.8	29.4	26.4	23.0	17.4	13.0
25	12.4	19.0	26.5	27.9	26.3	28.4	30.9	28.5	26.3	23.8	16.9	13.0
26	13.8	20.0	28.6	27.5	28.5	27.9	31.8	28.1	26.4	25.0	16.7	12.9
27	14.4	21.4	28.9	26.9	27.7	27.4	31.2	28.4	27.1	24.7	16.6	13.7
28	12.9	19.1	27.7	27.2	27.1	29.4	30.0	28.4	28.2	25.7	17.8	14.7
29	11.5	-99.0	23.0	27.4	27.1	28.6	30.3	25.1	28.6	23.2	18.5	14.9
30	11.6	-99.0	20.3	26.8	26.7	28.8	31.9	26.2	24.9	18.1	19.9	15.6
31	13.2	-99.0	21.0	-99.0	30.1	-99.0	30.7	25.8	-99.0	19.5	-99.0	18.1

1994

1	17.1	20.7	14.1	23.7	30.3	27.4	28.9	28.0	26.0	25.6	20.0	23.8
---	------	------	------	------	------	------	------	------	------	------	------	------

2	19.7	18.8	13.7	23.6	31.5	27.0	29.5	27.2	25.9	25.8	18.6	24.0
3	20.2	18.6	14.3	24.7	33.3	26.9	30.0	26.3	26.5	25.3	19.7	22.5
4	21.6	19.2	16.9	25.4	30.4	28.8	29.2	27.5	26.4	25.7	20.0	18.5
5	23.1	21.3	18.2	26.0	22.1	29.4	28.6	28.0	26.2	25.8	21.0	18.5
6	22.3	22.4	21.8	25.6	20.9	29.5	29.1	29.2	25.8	26.1	20.9	18.8
7	21.2	23.1	23.8	26.7	23.2	28.4	28.1	28.5	25.3	24.9	21.1	19.6
8	20.0	22.2	23.9	26.7	24.2	29.1	28.8	27.9	28.1	25.8	22.0	21.6
9	19.3	22.4	23.3	26.7	25.9	29.1	27.4	27.8	28.0	26.8	20.5	23.0
10	20.3	22.3	21.0	27.5	28.3	27.7	27.4	27.7	27.9	26.3	22.2	24.0
11	22.9	25.0	20.0	28.5	28.7	29.8	28.0	29.5	28.5	26.6	21.3	24.3
12	22.4	23.6	24.6	26.7	29.2	30.6	30.0	29.8	25.8	25.0	21.5	24.2
13	21.5	23.0	22.4	21.7	30.4	30.3	29.8	32.3	23.6	26.2	22.6	21.4
14	18.1	24.1	17.3	21.2	29.5	31.1	28.2	30.2	25.5	27.3	23.1	19.3
15	18.5	24.2	16.1	21.4	30.2	30.9	26.3	28.0	25.9	28.0	23.2	20.2
16	20.0	21.7	17.6	23.4	30.3	31.8	26.5	27.2	25.8	26.7	22.3	20.2
17	21.7	19.3	17.1	25.3	26.1	31.6	26.9	27.7	26.2	24.9	22.0	20.7
18	21.7	19.7	17.9	27.2	24.9	28.2	26.4	28.2	26.3	24.8	21.5	17.8
19	20.5	20.3	18.2	28.5	25.6	25.8	28.0	27.7	28.1	23.6	21.8	17.4
20	17.2	18.8	18.8	28.2	26.6	26.4	28.8	28.3	28.4	19.4	22.1	17.1
21	12.2	18.7	18.9	27.6	28.0	27.4	30.1	27.5	28.2	19.5	22.7	14.6
22	11.8	22.2	18.1	26.1	28.8	27.7	29.9	27.0	28.0	18.6	22.9	15.5
23	12.3	24.9	16.2	27.1	30.3	26.8	30.7	26.1	26.2	19.0	21.6	18.7
24	14.2	24.3	17.4	28.3	30.4	28.3	31.1	25.2	26.7	18.2	21.2	18.3
25	15.0	19.0	18.1	30.0	29.5	29.3	30.3	26.3	27.1	18.2	21.4	18.3
26	16.1	16.8	17.8	30.4	29.4	28.7	30.3	27.4	26.3	18.7	22.7	19.4
27	18.3	15.3	16.6	28.6	26.0	28.0	27.3	28.5	25.3	19.5	22.4	19.9
28	19.0	14.0	19.2	27.6	26.3	26.0	26.4	27.3	23.9	21.9	24.0	18.9
29	20.2	-99.0	21.0	28.3	28.0	25.5	26.7	26.0	23.9	22.2	24.9	19.5
30	21.7	-99.0	22.1	29.0	29.0	27.1	25.7	26.2	24.0	20.7	24.6	20.6
31	21.1	-99.0	22.8	-99.0	26.7	-99.0	27.5	24.7	-99.0	20.6	-99.0	22.1
1995												
1	21.4	11.8	17.4	23.2	27.0	25.1	29.3	28.1	28.3	26.5	23.6	21.3
2	18.2	12.4	18.9	20.7	26.3	28.0	29.9	30.6	28.3	26.7	20.2	20.9
3	17.3	12.9	17.7	18.4	26.8	29.7	29.0	30.2	27.2	27.4	19.3	19.7
4	12.9	12.2	16.8	19.1	26.0	29.7	27.5	28.6	25.7	26.0	20.5	19.8
5	14.1	12.5	17.0	21.1	22.0	29.6	28.8	28.1	27.9	23.9	20.5	18.5
6	12.5	13.7	18.3	21.5	24.6	30.7	29.0	28.2	28.6	23.1	20.7	15.4
7	14.4	16.1	19.5	21.1	25.2	30.3	28.5	29.0	29.3	21.7	20.1	15.4
8	16.8	16.8	21.9	23.1	25.1	28.6	28.1	28.4	28.2	21.7	18.3	14.8
9	19.1	18.9	23.4	23.8	26.0	28.4	28.2	27.5	26.0	21.9	19.2	15.3
10	19.4	19.8	22.1	25.4	24.8	28.9	29.8	26.9	27.3	23.3	21.3	16.9
11	20.7	19.5	21.9	25.5	25.3	29.2	30.3	29.0	24.7	22.9	22.7	19.2
12	20.9	21.5	20.2	26.2	25.6	28.1	30.8	30.0	24.7	24.2	24.0	19.2
13	17.5	22.2	19.1	29.3	26.7	28.1	30.3	26.9	25.4	26.3	23.4	20.7
14	17.2	20.9	19.5	31.8	26.2	28.7	30.5	28.0	25.6	26.8	19.3	20.3
15	17.9	17.8	21.6	30.0	26.2	30.8	29.4	28.9	26.1	27.0	18.3	21.2
16	17.3	18.2	24.6	30.2	22.7	31.6	29.8	27.2	24.6	25.8	18.1	22.8
17	17.1	19.2	24.2	27.5	27.6	30.5	29.2	27.5	25.2	25.8	19.0	23.6
18	19.0	22.5	16.8	28.5	32.5	28.7	27.1	27.7	24.5	26.2	20.0	20.1
19	20.2	21.8	15.9	26.5	31.3	30.2	27.3	28.5	24.2	25.2	18.7	17.3
20	20.6	22.0	17.2	27.5	32.0	30.1	29.1	27.7	24.5	26.4	20.6	17.0
21	20.7	21.0	18.1	28.9	31.3	32.1	29.6	28.0	24.7	25.8	18.3	16.1
22	22.6	17.9	19.8	30.4	26.0	32.5	31.6	27.6	25.6	26.2	18.2	16.5
23	22.5	16.8	21.7	30.0	28.2	32.1	31.9	27.9	25.8	25.0	17.3	16.7
24	16.7	16.8	23.1	28.0	31.4	32.2	31.7	28.2	24.7	24.7	17.0	17.2
25	15.8	16.4	21.5	27.2	32.8	32.9	31.6	28.4	25.8	20.7	16.0	17.2
26	16.5	15.0	18.1	27.8	31.6	31.6	31.0	27.9	25.8	20.6	17.9	16.8
27	15.6	15.2	19.9	27.4	27.9	30.8	30.9	26.2	26.4	20.3	19.5	15.6
28	13.5	16.1	22.5	27.7	27.3	27.5	28.6	26.2	26.4	20.7	21.1	15.0
29	13.9	-99.0	23.8	28.7	27.8	26.5	27.1	25.2	25.2	23.8	20.8	12.6
30	14.3	-99.0	27.2	26.4	28.4	28.1	26.7	27.5	25.4	23.7	20.8	12.9
31	12.5	-99.0	24.9	-99.0	28.4	-99.0	26.1	27.5	-99.0	23.8	-99.0	13.9
1996												
1	13.4	14.0	16.1	24.5	26.4	28.2	30.8	30.9	27.2	25.1	25.9	16.1
2	15.5	15.0	17.9	18.7	26.4	26.0	30.2	31.5	26.5	25.1	24.9	16.4
3	17.0	14.5	17.6	16.5	26.5	28.7	30.9	30.1	26.4	26.4	21.1	19.2
4	16.4	15.1	18.1	16.1	28.3	29.9	29.5	28.5	26.3	27.0	24.8	21.4
5	17.6	16.5	18.7	17.6	29.7	30.4	29.0	25.7	26.7	26.5	25.4	21.3
6	20.1	16.5	19.3	19.8	30.0	27.3	29.3	27.4	27.2	27.3	24.4	14.8
7	20.1	18.2	20.4	21.3	31.7	27.7	29.1	29.3	26.8	26.3	24.6	14.0
8	19.4	18.1	22.0	22.7	24.6	28.6	30.6	29.9	26.6	24.0	24.7	15.0
9	17.7	16.4	22.0	24.6	23.4	28.1	31.9	29.2	26.9	22.7	24.4	16.1
10	16.8	16.4	17.9	22.1	24.3	27.8	30.9	30.3	27.6	23.1	24.7	15.0
11	18.8	15.8	15.3	19.0	22.9	27.3	30.9	29.2	26.5	23.1	24.8	16.4
12	21.0	18.1	16.5	18.9	24.4	27.6	30.1	27.0	24.6	23.3	25.0	17.2
13	22.9	20.9	18.0	19.9	25.1	25.8	31.0	26.8	25.6	24.0	22.5	18.1
14	22.1	21.8	22.3	20.3	27.2	26.9	31.5	27.0	25.8	24.2	20.8	17.9

15	21.7	22.2	26.7	21.7	27.3	27.3	31.4	27.4	25.9	24.6	22.0	19.5
16	21.9	20.9	28.9	21.0	27.8	27.2	31.0	29.1	25.0	25.0	21.7	20.1
17	21.1	21.9	28.2	24.4	25.1	27.8	31.6	29.4	27.2	25.5	19.5	19.8
18	21.1	18.1	25.8	27.1	25.4	29.0	30.5	29.1	27.6	24.3	16.8	18.0
19	19.2	12.8	22.4	31.2	26.8	30.2	30.1	28.3	27.6	23.5	17.6	16.8
20	17.9	9.8	24.1	21.1	26.0	31.5	31.0	28.0	26.8	23.5	18.3	16.9
21	18.9	8.9	23.8	18.7	26.8	29.9	29.2	27.9	25.1	23.5	20.5	17.0
22	20.6	9.3	22.8	18.7	27.7	29.5	26.7	25.6	23.9	21.9	20.1	14.6
23	20.0	11.1	24.3	21.2	28.1	29.1	25.9	26.9	24.6	23.4	20.5	15.4
24	18.4	11.9	23.8	22.3	30.0	30.0	27.3	26.2	23.7	22.5	21.3	15.8
25	20.3	13.2	24.1	22.6	30.8	28.4	29.5	25.6	23.2	24.0	21.8	17.2
26	16.5	13.9	21.7	23.3	26.5	30.1	29.9	26.7	23.7	23.5	22.1	16.6
27	14.6	13.9	22.1	23.9	28.4	31.9	30.3	26.9	24.4	21.1	22.3	16.7
28	14.2	15.4	20.6	24.6	29.4	32.0	30.5	28.3	25.8	22.4	22.9	17.9
29	14.3	-99.0	20.9	25.4	30.2	31.2	30.0	29.8	25.8	23.8	21.5	19.1
30	14.5	-99.0	24.1	27.1	30.0	30.5	29.2	28.2	24.7	24.3	19.3	20.4
31	14.5	-99.0	28.7	-99.0	28.7	-99.0	30.1	26.6	-99.0	25.3	-99.0	21.2
1997												
1	20.9	21.9	20.7	25.2	26.0	26.4	30.8	27.8	30.0	26.0	17.8	24.8
2	20.8	23.2	19.8	26.9	26.8	31.0	30.4	28.5	28.3	26.7	18.8	17.9
3	20.3	22.7	18.3	26.8	28.1	31.9	28.6	29.1	27.8	26.6	19.2	17.2
4	21.0	18.9	19.4	26.5	29.8	31.6	29.4	30.7	27.8	24.4	20.6	17.7
5	18.6	17.6	20.8	24.8	31.4	32.0	31.6	29.7	27.7	26.3	19.8	20.4
6	17.9	17.1	22.3	25.0	33.3	33.0	32.0	30.4	26.8	26.3	20.1	22.9
7	19.2	17.1	22.2	25.4	31.5	32.5	30.6	32.6	24.8	26.6	21.2	23.1
8	17.9	17.1	22.2	25.2	31.9	33.0	30.3	30.6	26.2	25.9	21.1	17.2
9	14.5	16.5	22.0	26.3	26.3	32.9	28.2	31.1	26.3	26.1	21.5	15.9
10	14.1	16.5	23.4	25.8	27.8	30.4	28.0	28.4	25.8	27.0	21.4	16.1
11	12.8	15.6	23.8	25.6	29.4	28.2	27.1	28.8	26.2	27.1	23.3	15.9
12	15.1	16.1	24.8	24.0	29.9	30.8	28.1	30.3	26.5	26.5	24.5	15.8
13	17.0	16.8	26.0	23.7	29.6	31.3	28.0	29.3	27.5	26.5	24.2	16.2
14	19.2	16.3	26.3	23.2	29.7	29.9	27.8	28.1	28.0	25.9	24.8	18.1
15	20.1	16.2	26.0	25.8	30.5	26.0	28.7	26.8	27.7	25.7	26.1	19.5
16	20.7	14.6	26.5	23.4	31.1	26.1	28.4	25.9	26.4	24.6	26.5	22.0
17	22.4	15.1	21.9	25.2	28.6	27.8	28.9	25.4	26.3	25.3	19.2	23.2
18	23.3	14.8	21.2	27.0	29.9	29.3	29.4	26.6	25.6	25.1	18.6	23.7
19	22.0	15.0	23.5	28.0	30.6	29.6	28.7	27.0	26.8	24.8	21.1	24.0
20	20.9	16.5	20.8	28.9	30.0	31.0	28.1	28.3	27.4	25.8	23.7	24.4
21	21.6	17.8	22.4	27.2	30.7	31.9	27.4	28.5	20.2	26.5	23.5	24.5
22	23.4	18.7	22.8	25.4	29.1	30.1	28.2	28.5	20.9	27.4	24.2	23.0
23	23.6	19.2	19.2	26.2	23.0	30.0	27.1	28.0	23.1	27.8	25.6	17.8
24	16.4	18.5	19.2	22.8	25.0	28.8	26.4	27.3	24.2	27.4	26.8	18.8
25	13.5	19.4	19.5	21.2	25.9	29.2	28.2	26.0	24.1	26.9	26.4	20.2
26	13.7	19.4	21.1	19.7	26.6	28.0	27.3	27.5	19.7	24.1	26.0	21.5
27	15.0	20.1	21.1	22.5	28.1	28.3	28.8	28.9	18.6	22.3	25.4	21.1
28	16.8	21.2	21.7	23.5	26.9	28.2	27.9	27.7	21.6	20.6	25.7	21.5
29	19.3	-99.0	22.8	24.2	25.1	28.7	27.8	25.4	23.6	20.3	26.3	22.1
30	21.3	-99.0	24.2	24.1	25.1	30.1	27.9	27.4	25.0	19.6	25.6	24.0
31	21.7	-99.0	24.3	-99.0	27.1	-99.0	28.5	28.1	-99.0	18.6	-99.0	22.2
1998												
1	21.9	21.9	17.5	24.5	32.6	30.8	27.3	32.5	28.4	24.1	25.7	26.3
2	22.5	23.2	18.5	23.6	32.0	31.7	27.3	32.0	28.2	23.3	24.2	25.5
3	21.2	23.6	19.6	24.4	27.7	31.8	26.1	32.3	28.1	24.3	21.2	25.6
4	22.6	20.2	20.9	22.8	24.9	31.0	26.6	30.9	29.5	24.4	21.5	19.6
5	21.7	13.4	21.7	23.9	27.3	27.6	28.1	29.5	27.0	21.8	21.6	19.4
6	20.9	12.5	26.3	25.3	28.5	26.5	29.7	29.0	26.1	24.1	22.6	19.4
7	23.3	13.3	30.0	25.4	28.1	28.4	30.3	28.9	26.5	24.4	20.9	17.9
8	23.4	15.1	29.1	26.8	28.6	30.1	30.5	26.9	27.7	25.4	22.8	16.6
9	23.8	18.2	28.0	27.4	28.7	31.5	30.6	27.6	27.1	25.8	23.2	16.0
10	23.1	18.3	21.1	28.0	28.7	29.3	30.5	29.3	27.4	26.6	21.9	17.6
11	23.7	19.7	17.7	28.7	28.5	31.3	31.0	28.2	26.4	26.4	22.2	18.1
12	24.3	22.1	17.4	27.5	28.0	32.2	31.2	31.6	25.4	24.8	21.3	15.9
13	25.1	24.5	17.6	27.0	28.7	31.8	31.9	30.8	26.9	26.4	20.7	15.3
14	27.5	23.5	19.9	26.6	28.1	32.3	32.0	30.0	26.9	26.6	22.7	17.1
15	20.8	24.7	21.0	23.2	29.7	33.6	32.5	28.5	27.0	25.4	21.0	13.4
16	21.9	26.9	22.9	23.8	30.2	34.4	33.2	27.9	26.4	26.8	23.6	13.4
17	20.3	26.3	23.9	23.5	27.2	34.6	32.9	29.6	24.7	26.2	25.7	16.0
18	18.8	23.3	24.9	23.3	26.9	32.4	33.2	27.5	24.3	25.2	23.6	18.7
19	16.8	24.6	26.6	22.8	28.8	32.7	32.8	26.3	24.5	23.5	23.7	18.7
20	15.9	24.4	27.6	23.9	29.8	33.2	33.9	25.4	25.4	21.8	21.5	19.5
21	17.1	20.3	24.9	26.4	29.8	33.0	34.8	27.2	26.4	23.3	19.3	20.0
22	18.6	17.7	18.2	29.4	31.6	34.1	34.5	26.8	26.9	22.1	19.5	20.3
23	17.8	18.5	18.0	31.3	32.0	31.8	33.8	28.0	25.8	21.9	20.2	20.1
24	15.1	19.4	19.4	31.0	26.7	32.0	33.7	29.7	26.7	21.5	19.0	19.7
25	13.9	17.6	20.8	29.7	25.2	31.3	31.7	30.5	27.2	22.0	19.1	20.5
26	15.5	17.3	23.4	29.7	26.1	30.6	33.1	30.8	25.7	22.6	20.4	20.3
27	16.7	18.3	24.8	30.9	27.7	28.9	31.8	31.4	24.4	22.4	20.1	19.5

28	15.2	17.7	22.1	31.6	29.6	28.5	29.8	31.5	26.2	23.7	21.2	18.9
29	14.7	-99.0	21.7	30.8	29.3	27.9	29.4	31.4	24.8	24.7	23.5	19.7
30	16.6	-99.0	23.0	32.3	27.7	26.3	29.5	27.4	24.3	26.1	25.2	20.0
31	20.5	-99.0	24.0	-99.0	29.2	-99.0	31.6	28.0	-99.0	25.4	-99.0	19.8
1999												
1	20.3	24.9	19.4	24.1	24.2	29.0	31.0	27.7	27.1	25.3	22.7	17.7
2	19.1	20.8	21.8	25.1	25.8	29.4	29.2	28.4	27.4	25.7	17.7	17.0
3	17.5	18.1	22.2	24.3	27.5	28.9	28.8	29.0	28.4	23.7	17.1	18.4
4	17.1	14.7	22.8	22.2	26.7	27.0	28.1	28.0	28.3	24.5	18.5	17.3
5	16.7	15.3	23.8	19.3	23.1	28.0	29.4	28.0	28.3	24.9	19.9	15.7
6	17.1	17.5	25.8	21.6	22.7	29.3	30.4	28.9	27.7	26.1	19.9	14.4
7	17.7	17.0	23.7	23.2	23.4	29.9	31.1	29.3	25.6	26.0	21.3	14.7
8	16.9	18.5	25.2	24.8	24.1	29.2	31.6	30.8	27.0	27.1	22.3	14.5
9	16.9	18.0	27.0	25.0	22.4	27.5	32.3	30.9	26.6	27.1	22.5	16.2
10	16.6	19.6	23.2	26.0	22.1	28.2	32.1	30.8	26.9	27.2	24.4	15.8
11	14.8	21.7	19.4	27.2	21.0	29.3	32.6	29.8	27.2	27.5	26.2	18.9
12	12.8	21.0	19.3	28.2	22.2	30.3	31.4	30.6	27.5	25.8	25.8	18.3
13	14.0	20.8	20.5	27.4	24.8	30.9	31.3	30.3	28.5	26.3	24.6	17.7
14	15.4	20.6	20.7	26.0	25.5	29.6	32.4	29.5	28.7	25.8	24.7	16.5
15	13.0	21.8	19.5	26.7	26.9	28.0	30.4	30.0	28.1	24.1	23.7	17.6
16	13.3	21.1	19.4	28.4	28.2	28.9	32.0	29.3	27.2	24.4	21.5	18.2
17	13.7	21.9	26.2	30.2	29.8	29.9	31.4	25.7	28.1	21.3	22.6	17.4
18	15.7	22.1	29.8	29.5	29.3	27.9	30.5	27.1	28.4	21.4	20.5	17.4
19	17.7	19.7	26.9	27.9	25.2	27.0	31.3	28.2	26.5	20.2	20.8	17.2
20	18.1	16.2	27.7	26.8	25.7	27.7	32.7	28.2	25.8	19.0	20.9	14.8
21	17.6	15.0	22.3	27.4	26.2	28.7	33.0	29.2	24.7	21.3	20.4	13.5
22	19.2	15.8	18.0	26.5	28.1	29.5	33.4	28.1	25.9	23.1	21.5	11.5
23	21.7	19.3	18.6	28.0	29.4	30.6	31.3	27.1	24.6	23.0	22.8	9.2
24	22.2	21.4	21.1	30.2	29.1	29.4	27.6	28.9	25.0	22.4	23.0	9.0
25	21.6	23.3	24.7	30.4	29.1	29.9	28.5	29.7	25.4	23.3	23.2	9.7
26	22.6	22.7	27.7	28.0	30.5	30.4	29.6	30.0	25.7	24.0	23.3	10.6
27	22.7	22.2	26.3	24.2	25.8	29.2	30.2	28.2	26.4	24.1	23.0	12.1
28	23.3	19.4	23.9	20.2	26.5	30.2	30.0	27.6	25.9	23.8	20.5	15.8
29	22.0	-99.0	21.4	22.7	27.4	31.7	29.8	27.4	24.2	23.2	16.4	17.4
30	23.6	-99.0	19.4	23.1	27.7	31.1	27.2	27.7	24.9	23.7	17.3	18.6
31	24.9	-99.0	20.7	-99.0	28.6	-99.0	27.9	27.5	-99.0	25.6	-99.0	18.8
2000												
1	18.3	11.7	12.0	27.7	29.9	25.5	28.1	29.7	28.8	26.6	19.6	23.2
2	18.8	14.0	13.5	28.9	29.0	27.9	28.3	30.3	28.0	27.2	18.6	22.5
3	19.2	15.6	16.5	25.5	24.7	27.8	28.4	29.1	27.6	27.6	18.2	19.8
4	20.3	16.9	19.0	22.5	26.1	27.5	28.4	30.4	27.0	28.0	18.4	17.3
5	21.9	18.1	19.8	21.0	26.5	27.3	27.9	27.8	26.1	27.2	18.3	18.7
6	22.8	16.8	21.3	21.6	27.2	28.9	28.5	29.1	27.1	25.8	18.7	19.6
7	23.7	15.8	22.5	22.4	26.9	29.6	30.1	27.9	26.5	26.0	20.5	19.1
8	23.1	15.8	21.9	22.8	29.3	30.2	29.7	27.1	23.9	24.9	21.0	19.5
9	23.7	16.6	22.1	24.7	29.3	30.7	27.1	27.5	26.0	25.6	20.8	20.9
10	24.0	18.7	22.2	25.6	26.8	30.1	26.8	28.7	24.0	26.5	22.0	21.6
11	23.8	20.2	22.5	24.3	26.3	31.4	27.0	29.5	26.1	24.9	21.7	21.6
12	24.3	21.0	19.1	25.1	26.1	29.9	25.7	30.0	26.6	25.3	20.5	19.5
13	24.5	22.0	18.8	25.0	25.2	24.3	27.4	30.3	24.6	23.8	18.1	17.1
14	24.7	21.5	19.6	26.1	25.7	23.2	28.5	30.7	25.5	20.7	19.5	15.7
15	24.3	19.5	20.8	23.7	26.8	25.7	28.6	30.1	24.5	19.7	21.0	17.4
16	23.1	18.0	21.8	20.6	27.5	26.1	26.7	29.8	24.0	19.8	21.0	18.9
17	22.4	17.9	20.9	22.1	27.2	24.4	27.4	28.4	23.8	20.2	19.4	19.8
18	17.3	19.0	20.5	24.1	26.0	25.3	28.8	27.2	24.6	22.1	18.9	20.7
19	13.0	22.1	22.2	26.4	22.9	26.9	29.7	28.8	25.3	21.7	20.3	22.0
20	13.8	23.4	22.7	28.1	24.3	28.5	30.4	29.0	25.8	22.9	18.1	22.3
21	15.3	20.9	24.1	26.3	21.5	30.2	28.9	28.3	25.5	25.1	16.5	17.6
22	18.1	18.9	24.2	25.9	22.4	30.0	29.0	26.2	25.8	24.4	15.6	17.3
23	19.8	18.8	23.6	27.2	25.7	29.7	29.0	26.4	26.7	24.3	17.9	17.8
24	20.1	17.0	19.9	28.6	27.2	28.9	29.2	26.6	27.0	26.2	20.1	16.7
25	17.6	15.3	18.4	29.6	28.6	29.6	29.5	26.6	28.1	25.3	20.0	16.6
26	14.6	12.0	17.5	29.5	31.2	28.6	30.2	28.3	27.0	26.1	21.8	18.0
27	12.0	13.0	20.3	27.2	30.6	28.1	29.4	28.4	26.4	24.8	23.1	18.6
28	12.5	12.7	21.3	27.2	29.9	27.5	29.2	28.1	26.2	25.9	22.4	18.8
29	13.2	-99.0	21.8	27.5	27.4	27.1	29.4	28.1	25.8	24.9	22.9	19.6
30	12.7	-99.0	21.3	28.4	28.1	28.2	30.8	28.2	26.1	22.2	23.5	20.7
31	12.1	-99.0	24.2	-99.0	28.5	-99.0	29.7	27.9	-99.0	19.7	-99.0	19.1
2001												
1	18.0	17.8	18.1	25.4	25.0	27.7	28.4	29.9	28.2	26.5	25.6	22.9
2	19.3	17.4	17.5	25.5	24.0	28.0	28.9	28.0	26.4	26.8	26.2	23.3
3	21.1	17.5	19.0	27.7	25.6	27.8	29.5	26.7	26.1	26.7	26.5	22.5
4	21.5	17.2	18.5	27.8	26.1	29.1	28.4	26.6	25.6	24.4	26.5	22.5
5	20.9	17.8	19.8	25.4	28.9	28.5	29.6	24.8	26.1	23.3	25.1	22.8
6	22.6	19.8	20.8	24.3	30.6	29.6	30.6	25.9	26.8	25.9	21.4	22.9
7	23.8	19.9	22.3	25.8	31.1	30.5	31.3	27.0	28.4	27.7	20.8	19.8
8	23.1	16.7	20.0	30.3	30.9	30.4	29.3	28.6	28.3	27.8	21.5	19.4

9	23.7	15.8	16.6	31.8	28.8	31.4	28.8	25.8	25.3	24.1	21.6	20.4
10	18.9	13.5	17.2	31.0	23.0	30.2	29.4	25.3	25.7	24.6	20.3	19.3
11	17.0	15.7	17.9	23.0	24.1	29.4	30.3	27.1	23.5	24.8	20.1	19.1
12	18.0	18.4	16.3	17.8	24.6	30.8	30.7	28.4	25.5	25.5	19.2	20.3
13	18.3	18.1	17.0	19.2	26.1	28.0	30.2	29.2	26.7	25.7	18.6	19.4
14	17.6	15.0	20.7	21.0	26.9	28.5	31.6	27.7	27.6	27.0	16.7	15.7
15	16.0	14.0	22.5	22.4	26.0	29.5	29.4	27.8	28.5	26.3	15.0	16.0
16	13.9	16.7	25.5	24.2	23.7	31.6	30.9	25.5	28.1	25.3	17.4	18.7
17	15.7	15.6	24.5	25.3	25.6	27.9	27.7	26.9	28.8	23.2	17.0	20.4
18	17.6	17.9	23.9	28.5	27.3	30.4	29.0	28.0	28.6	22.8	16.9	19.9
19	19.2	20.0	24.4	31.1	26.2	31.5	30.3	28.9	28.1	24.5	18.5	17.9
20	20.1	21.2	25.2	32.3	28.2	32.3	28.8	29.1	28.4	24.9	17.8	17.7
21	21.8	21.7	24.2	32.3	30.3	27.6	26.1	28.9	27.8	25.0	17.4	14.4
22	23.4	22.6	24.2	26.5	28.2	26.7	27.2	29.2	26.4	24.1	17.6	14.7
23	24.2	23.8	28.3	24.2	28.9	28.1	28.5	30.8	26.1	23.7	18.7	12.9
24	25.1	22.7	28.1	23.7	30.0	28.1	29.0	31.7	26.1	23.8	20.4	14.2
25	27.7	18.4	26.4	22.2	30.3	28.1	30.1	28.0	26.7	24.1	19.2	15.3
26	20.1	17.2	22.4	23.1	28.2	28.2	29.7	26.4	26.7	26.0	17.7	15.9
27	15.6	18.1	22.8	26.1	27.0	28.3	29.7	27.5	26.6	25.8	19.3	15.8
28	14.3	18.3	21.8	28.4	25.3	29.1	29.8	25.7	25.5	22.6	19.7	15.9
29	14.4	-99.0	21.5	28.4	27.7	27.6	30.2	27.3	25.9	21.4	21.0	16.7
30	16.4	-99.0	21.1	29.0	28.5	28.1	31.1	26.9	26.1	21.8	21.9	15.9
31	17.8	-99.0	23.8	-99.0	27.1	-99.0	32.2	28.3	-99.0	24.2	-99.0	16.9

2002

1	17.8	16.2	23.0	24.5	26.6	30.0	30.0	29.5	25.8	26.6	23.6	22.3
2	18.0	13.2	22.9	25.5	26.1	31.5	28.8	27.9	25.8	25.0	23.2	23.3
3	15.9	14.4	22.6	27.2	27.4	28.3	28.6	28.9	26.1	25.6	19.5	24.1
4	16.5	16.5	23.1	28.4	27.4	27.3	30.5	28.8	24.4	26.3	19.4	24.0
5	16.8	16.1	22.7	29.7	26.8	28.1	30.1	28.8	25.8	26.2	18.5	25.0
6	16.9	17.7	16.5	29.6	27.2	29.3	28.8	28.5	26.0	22.7	19.5	26.4
7	18.7	19.1	16.7	28.4	26.7	29.5	28.8	28.5	27.4	23.8	20.9	26.1
8	16.5	20.0	16.8	27.2	27.5	29.7	29.8	29.3	27.0	22.0	20.8	22.1
9	16.6	21.7	19.2	27.1	27.9	29.2	28.6	29.4	26.1	21.7	20.0	14.8
10	17.9	20.2	21.2	26.3	27.0	30.8	30.2	28.8	26.4	20.8	22.2	15.8
11	20.4	16.8	22.5	19.2	26.6	30.6	30.6	29.2	26.9	21.1	23.2	16.6
12	20.7	17.5	22.8	20.7	26.6	28.6	30.6	28.5	27.0	21.2	24.4	16.7
13	21.3	20.1	25.1	22.7	28.3	28.7	32.2	27.5	28.3	22.0	25.1	17.5
14	20.8	20.8	25.5	23.9	28.4	29.8	32.5	27.2	28.2	23.1	26.8	18.7
15	21.8	20.2	26.2	26.6	26.1	30.9	29.9	27.9	25.4	24.6	27.8	19.5
16	20.8	20.1	24.4	29.9	27.1	31.1	31.0	28.0	26.0	26.0	23.0	20.5
17	21.6	19.4	23.1	28.4	26.1	31.4	30.4	26.9	24.8	27.0	19.6	21.9
18	21.8	20.2	19.3	27.2	27.6	30.9	29.5	26.3	22.9	28.0	19.6	24.1
19	21.6	20.5	20.3	27.7	29.9	30.7	31.5	27.1	23.4	27.5	19.9	24.5
20	20.8	21.3	21.7	27.3	30.0	30.6	31.2	26.4	24.9	27.7	20.8	24.5
21	15.8	21.9	23.6	28.3	30.9	30.7	28.9	25.1	25.1	26.6	20.8	23.2
22	14.8	21.9	27.0	29.1	31.8	29.6	28.6	26.0	26.1	26.5	19.4	21.8
23	15.4	22.2	25.1	27.4	27.3	29.1	29.5	25.3	22.7	22.9	21.2	21.0
24	17.4	22.5	21.6	27.6	26.1	26.4	32.1	27.5	24.2	20.4	21.7	19.6
25	18.1	22.0	23.1	26.6	23.8	29.0	31.3	28.5	25.5	21.7	18.0	19.9
26	16.4	23.8	25.1	26.0	26.0	29.4	31.0	28.5	27.0	23.0	16.6	17.1
27	15.0	23.7	26.7	25.9	26.5	30.1	28.6	28.0	27.0	24.1	17.0	12.4
28	14.5	24.0	27.8	26.1	26.8	31.2	27.1	28.0	25.8	25.3	19.4	13.1
29	13.8	-99.0	25.9	26.1	28.6	30.0	25.2	26.8	26.3	26.7	21.0	14.4
30	14.7	-99.0	23.0	26.5	31.1	30.9	26.5	27.0	26.1	26.1	21.3	15.4
31	16.7	-99.0	21.8	-99.0	29.5	-99.0	28.9	26.6	-99.0	23.9	-99.0	16.3

2003

1	16.2	21.4	24.4	26.8	24.1	27.0	30.1	31.1	27.8	26.4	23.8	18.8
2	17.0	20.9	24.3	30.0	25.9	27.5	28.9	28.9	27.9	25.8	24.4	20.5
3	14.4	18.0	26.9	31.1	27.0	27.9	28.3	26.2	27.7	26.4	24.2	20.2
4	15.7	14.4	26.2	30.1	29.3	27.7	29.6	27.9	25.6	26.4	24.1	21.0
5	15.0	14.8	26.7	22.5	33.2	28.0	29.4	29.4	25.4	24.0	24.4	21.3
6	12.1	13.9	21.4	22.3	34.6	29.9	29.9	30.7	26.0	23.9	23.6	21.9
7	13.0	17.8	17.7	25.0	34.9	31.6	30.6	29.3	26.3	24.6	24.3	21.5
8	13.1	18.3	16.0	25.0	29.7	31.4	31.5	29.5	24.9	25.9	24.9	18.9
9	15.3	20.5	15.5	25.4	28.7	32.0	32.0	30.3	26.4	27.7	24.8	18.4
10	13.9	22.5	15.9	25.8	28.8	33.2	31.2	29.3	24.6	27.5	24.2	17.9
11	13.6	23.3	18.7	29.4	28.3	32.8	30.4	29.6	23.7	28.1	20.7	17.6
12	13.7	23.7	20.5	31.2	28.6	30.2	29.2	29.3	25.0	28.3	18.0	16.2
13	14.6	19.2	23.1	31.4	28.0	32.8	29.1	28.2	25.3	28.3	18.7	16.1
14	15.6	19.7	22.8	24.2	28.2	28.9	24.7	30.3	25.2	23.0	21.6	15.4
15	17.9	21.7	24.5	23.8	30.5	28.6	28.7	30.6	27.1	20.6	21.4	16.5
16	17.3	23.6	25.3	24.9	32.3	26.4	30.1	29.0	27.6	21.4	22.6	17.0
17	18.1	22.7	25.5	27.7	33.8	27.8	30.0	26.9	27.9	22.4	20.9	17.8
18	18.5	23.5	24.1	27.3	32.0	29.2	30.2	27.2	28.2	23.7	23.7	18.6
19	19.7	24.3	22.5	27.0	27.3	29.6	30.5	26.8	28.0	22.5	25.1	16.4
20	19.0	24.0	18.3	28.2	27.6	30.4	29.9	26.3	28.2	23.2	25.2	14.0
21	20.2	24.1	17.3	27.0	28.1	31.3	28.5	28.1	27.7	23.6	24.4	13.8

22	19.0	25.7	18.7	26.6	25.9	30.7	26.4	27.5	27.7	23.7	21.1	15.1
23	21.3	25.0	19.6	27.6	28.3	31.5	28.3	26.8	27.2	22.8	21.1	18.1
24	21.8	24.0	19.3	27.8	29.6	32.6	29.5	26.6	26.8	23.5	21.7	19.8
25	22.8	24.6	20.4	26.5	29.2	33.0	29.0	28.1	24.2	23.7	21.6	20.4
26	23.1	24.9	21.6	26.8	30.2	33.3	29.2	29.1	26.1	23.9	21.6	19.9
27	18.1	23.8	23.3	26.4	30.9	31.6	28.4	29.5	26.5	24.5	20.6	17.1
28	15.7	24.0	23.6	26.2	28.7	30.6	28.0	28.2	27.1	23.6	19.8	17.2
29	17.4	-99.0	24.7	27.0	26.4	29.4	27.0	27.5	27.5	23.7	18.4	18.3
30	18.5	-99.0	25.6	23.9	26.1	28.9	29.2	27.3	26.2	24.1	19.2	19.6
31	20.0	-99.0	26.4	-99.0	26.9	-99.0	30.5	27.7	-99.0	23.3	-99.0	19.9
2004												
1	20.4	21.2	26.3	23.0	27.7	24.1	30.8	26.4	28.7	26.2	23.1	20.5
2	19.9	22.0	21.6	22.4	28.6	26.8	31.8	26.7	27.6	22.2	22.8	20.5
3	20.5	19.6	18.5	21.1	27.9	27.9	31.7	28.8	26.3	21.4	23.1	21.1
4	21.0	14.9	17.7	21.9	25.9	28.1	32.5	29.0	28.5	22.4	23.6	19.6
5	20.5	11.6	17.9	22.6	20.9	28.8	32.4	29.6	30.2	23.9	23.4	18.7
6	20.6	10.9	17.4	26.3	22.8	28.8	31.6	29.9	29.8	24.8	23.1	19.3
7	21.0	11.3	16.9	26.2	25.1	27.6	31.3	28.4	28.6	24.4	24.1	19.3
8	19.9	11.1	16.5	20.5	26.3	28.0	31.0	28.0	26.6	24.0	24.5	15.4
9	20.8	11.2	17.9	18.8	28.3	27.8	31.6	27.4	22.8	23.5	24.5	16.5
10	22.4	13.3	20.9	20.8	29.3	26.0	29.2	28.2	22.7	24.6	26.1	17.6
11	22.9	17.3	21.7	23.8	30.7	26.7	29.2	28.6	24.7	24.2	26.3	18.7
12	20.0	17.4	21.9	26.0	30.8	26.7	27.8	29.6	25.8	24.3	25.7	18.7
13	18.3	18.2	22.9	24.6	26.7	24.6	27.8	29.3	26.0	25.0	24.9	17.5
14	18.4	16.7	22.0	25.3	27.7	24.6	28.0	26.4	25.8	24.6	25.3	19.1
15	21.8	17.7	22.5	25.0	27.6	25.8	29.6	27.6	26.4	24.8	23.5	17.6
16	21.6	18.3	23.6	22.1	27.2	27.7	29.8	27.3	26.3	24.3	18.2	19.8
17	22.0	20.0	23.6	22.9	24.0	29.4	30.5	27.9	25.7	24.1	18.1	21.3
18	22.1	20.0	23.7	23.4	24.6	30.4	32.2	27.2	26.2	24.6	18.3	22.0
19	18.7	20.8	24.5	22.6	25.7	29.9	32.1	27.3	24.1	24.9	20.7	21.6
20	16.2	21.7	24.3	25.0	23.5	29.7	29.9	27.7	25.3	25.1	21.3	20.6
21	12.3	23.0	23.4	26.9	26.4	30.9	28.1	28.4	25.8	26.1	20.6	20.5
22	12.7	22.4	23.6	26.9	26.8	29.9	25.4	28.0	26.5	22.2	20.6	20.6
23	13.3	22.8	23.1	27.7	26.4	31.8	25.5	28.1	26.3	21.7	21.3	20.3
24	11.6	23.1	21.0	28.9	26.7	31.7	25.5	29.2	26.0	21.7	20.7	20.2
25	13.6	22.3	21.1	28.1	26.8	32.2	26.6	30.1	25.4	22.7	19.5	21.4
26	16.4	20.5	19.3	28.6	28.6	30.4	25.5	31.3	26.5	22.1	19.9	20.8
27	15.9	21.3	19.9	26.0	28.0	29.6	26.1	31.3	27.2	20.9	17.9	20.9
28	14.7	23.1	20.9	27.0	28.3	28.6	27.5	29.3	25.7	22.7	18.3	17.4
29	16.3	25.4	21.4	27.5	29.2	29.7	27.9	26.3	25.3	23.0	19.5	16.9
30	17.8	-99.0	21.5	27.4	29.0	30.3	27.4	26.9	26.1	22.7	19.7	16.4
31	19.7	-99.0	21.9	-99.0	26.9	-99.0	26.5	27.6	-99.0	23.8	-99.0	12.0
2005												
1	11.2	17.9	16.4	23.7	31.5	30.9	27.8	29.3	27.2	26.3	21.1	21.9
2	13.8	17.5	16.7	19.9	28.8	31.8	28.7	29.4	27.8	27.0	21.0	22.8
3	16.8	17.5	15.1	19.8	27.5	31.5	28.9	29.8	28.0	26.8	23.9	22.5
4	15.8	18.8	14.4	20.7	29.0	32.3	28.1	30.1	26.4	24.2	24.4	20.5
5	17.2	20.3	14.8	19.2	29.2	33.3	28.4	29.1	25.6	24.8	25.6	17.9
6	17.1	22.2	14.1	22.8	27.4	31.9	28.7	29.3	25.8	25.9	26.3	15.0
7	18.2	23.6	16.6	24.8	26.6	27.7	29.3	28.1	26.1	23.3	26.2	13.4
8	18.2	23.6	18.8	26.9	26.0	28.9	31.2	28.0	26.1	22.2	26.7	14.4
9	18.0	23.2	20.8	31.1	28.5	30.7	31.3	28.8	27.1	23.7	26.1	16.5
10	16.5	21.9	24.4	32.9	31.5	30.8	30.8	27.3	26.7	24.0	26.4	18.8
11	16.4	19.5	24.1	29.2	32.5	29.9	30.6	26.2	25.2	23.6	26.9	18.7
12	15.7	19.4	22.5	23.4	33.1	31.0	28.5	27.8	25.6	23.9	26.6	15.9
13	12.7	21.8	15.7	19.5	32.5	31.2	29.1	28.6	25.1	26.2	26.7	15.9
14	11.2	24.5	16.7	20.3	31.9	31.1	30.3	29.3	25.5	25.8	26.5	15.2
15	12.7	26.3	18.8	21.7	32.4	31.0	29.4	28.3	26.1	25.5	26.0	15.8
16	15.2	27.4	19.5	22.9	32.1	29.7	28.5	28.6	27.0	25.0	22.4	15.2
17	16.9	25.5	20.6	24.0	33.0	29.4	29.5	27.4	27.3	24.8	21.5	16.3
18	17.4	20.2	20.6	25.3	32.1	31.2	30.8	26.4	23.6	24.9	20.4	15.0
19	20.1	16.5	19.9	26.1	31.7	31.5	31.4	27.3	25.7	25.3	17.2	13.3
20	18.5	13.7	19.8	25.9	29.0	31.8	32.1	27.8	26.0	25.0	16.8	15.5
21	20.2	13.5	21.7	25.8	28.8	33.3	31.2	30.8	27.0	24.8	16.6	16.1
22	20.3	15.2	24.5	26.8	30.3	30.8	29.7	30.2	27.5	24.8	16.5	14.8
23	20.3	18.2	21.6	26.3	28.1	31.4	29.2	28.6	27.5	23.6	18.5	15.1
24	23.1	22.0	17.0	27.0	30.2	31.6	27.1	28.6	28.0	21.7	16.4	18.2
25	23.3	21.2	15.8	26.8	30.0	31.5	25.6	27.9	27.6	21.1	19.0	18.4
26	22.8	21.4	18.3	25.5	31.2	30.2	25.4	25.5	26.3	24.0	20.0	18.7
27	21.1	19.3	21.7	27.3	32.6	30.8	26.9	26.7	24.5	24.7	21.9	18.3
28	23.3	16.0	23.0	26.9	32.3	31.3	27.5	27.0	26.2	25.7	21.4	16.7
29	23.2	-99.0	24.2	30.3	28.7	27.2	28.6	26.1	26.4	23.1	22.3	17.3
30	23.0	-99.0	26.4	32.3	26.7	27.6	26.6	25.0	27.1	19.9	22.2	19.1
31	20.6	-99.0	25.3	-99.0	29.2	-99.0	26.1	26.0	-99.0	20.7	-99.0	19.0
2006												
1	19.9	22.6	14.9	24.9	27.8	29.8	27.9	26.7	28.0	24.7	22.8	21.7
2	20.7	22.4	15.1	25.4	28.2	29.2	26.7	28.1	29.1	25.0	20.7	19.2

3	21.7	22.4	16.2	26.8	27.7	30.9	25.6	28.8	29.8	24.5	20.8	18.3
4	23.1	19.9	17.7	28.1	27.8	32.0	26.5	29.1	29.2	25.0	21.2	18.2
5	22.2	19.8	19.8	29.3	29.5	31.7	27.5	28.8	28.4	25.6	22.5	19.3
6	15.5	19.9	20.1	27.9	31.8	32.8	31.5	28.5	27.2	25.9	21.9	20.9
7	11.7	19.3	21.0	25.4	31.3	32.4	30.7	28.5	28.3	26.5	22.5	23.6
8	12.4	18.9	21.9	25.5	29.5	33.7	32.0	27.4	29.5	26.0	22.2	24.3
9	11.9	18.8	22.5	25.2	29.7	33.5	31.7	28.5	26.6	26.3	24.8	23.6
10	13.8	17.7	22.6	28.9	28.1	32.4	30.4	28.1	24.1	25.4	25.5	20.7
11	16.0	18.0	24.0	33.6	28.3	29.4	30.5	24.6	24.5	25.5	25.6	19.0
12	19.1	18.4	23.9	32.7	28.7	30.8	29.4	26.1	24.1	25.6	23.7	20.9
13	20.8	21.2	18.9	27.2	26.2	32.1	31.6	26.4	25.3	26.2	24.6	21.4
14	21.4	23.0	13.6	21.2	21.6	33.9	32.0	26.2	25.2	26.3	24.1	19.7
15	23.1	24.1	16.3	18.6	23.6	31.5	31.5	23.7	25.5	26.7	25.2	19.3
16	23.1	23.4	19.1	20.4	24.7	30.8	31.9	25.2	26.7	26.0	24.7	18.9
17	22.9	21.0	21.6	20.9	26.9	30.4	29.1	28.0	27.1	26.0	25.8	16.6
18	24.1	16.7	22.6	23.1	26.8	29.5	28.9	28.4	26.1	26.2	26.2	15.0
19	23.3	16.9	23.8	26.1	26.9	28.3	29.5	26.8	25.9	26.0	26.1	16.1
20	20.1	16.6	23.9	26.0	25.6	27.0	28.2	26.8	26.2	25.2	26.1	15.6
21	16.5	18.3	25.9	26.7	26.5	27.5	28.7	25.6	25.6	24.9	26.7	14.6
22	14.8	19.4	27.3	29.4	25.3	28.7	28.7	27.4	25.0	25.0	24.2	15.8
23	13.1	18.5	26.2	28.3	25.3	27.4	28.5	28.0	24.9	24.1	26.3	15.0
24	13.4	17.9	21.8	26.5	27.8	27.9	29.2	26.7	23.8	25.3	26.0	17.9
25	15.2	18.3	20.5	27.0	29.1	28.3	29.3	27.0	22.6	24.5	26.7	18.7
26	15.5	18.4	21.7	28.9	30.7	27.4	27.5	28.1	24.8	25.1	27.4	19.6
27	17.2	19.6	21.6	29.6	30.4	28.5	29.2	27.7	25.1	24.6	26.3	20.8
28	17.3	18.1	21.0	27.3	29.6	29.9	28.5	27.1	24.6	21.4	25.6	19.8
29	17.6	-99.0	20.9	22.5	28.4	29.0	28.3	24.9	26.1	23.4	24.1	19.0
30	20.5	-99.0	19.9	23.8	27.4	29.7	26.7	26.2	23.9	23.4	25.2	18.6
31	21.0	-99.0	23.5	-99.0	30.3	-99.0	26.7	26.7	-99.0	23.9	-99.0	17.8
2007												
1	19.2	16.5	24.5	34.7	23.9	30.6	29.5	27.8	29.4	26.5	19.1	19.3
2	21.2	15.1	25.2	33.6	24.1	32.7	29.9	29.7	28.8	23.8	16.5	20.0
3	22.4	14.8	26.7	19.1	24.6	31.6	28.6	29.3	28.9	23.5	17.0	19.0
4	20.3	15.8	25.3	16.3	25.9	29.8	27.4	29.4	27.8	25.1	16.9	19.5
5	16.5	19.6	24.6	17.7	21.9	29.6	26.6	25.0	24.8	26.5	19.3	19.3
6	14.6	21.2	21.3	18.7	23.8	31.2	30.3	24.8	26.6	25.4	19.2	19.3
7	14.2	21.0	16.3	18.7	24.3	31.8	29.0	23.9	28.3	26.3	19.0	18.3
8	14.8	21.0	16.4	18.7	23.4	33.2	29.8	24.8	29.6	26.7	18.2	18.7
9	15.4	21.3	17.3	20.0	23.3	33.4	31.6	27.8	28.3	25.9	21.0	21.1
10	17.4	21.8	19.0	20.6	24.9	31.6	31.9	28.1	26.8	24.2	21.9	22.7
11	18.3	22.4	20.1	21.2	26.1	30.2	31.7	28.5	24.8	22.9	22.3	23.4
12	18.4	21.5	21.0	22.6	25.1	29.9	32.3	29.4	25.5	24.2	21.1	23.7
13	19.0	23.7	22.0	22.3	21.5	30.7	32.6	29.7	25.8	23.8	22.2	22.6
14	18.9	23.8	27.0	23.7	23.0	28.2	33.2	31.5	24.8	23.4	22.3	22.2
15	19.5	24.9	29.3	26.4	26.6	29.1	32.8	29.1	25.3	20.4	22.8	22.5
16	19.5	25.9	27.0	26.8	27.6	29.2	32.3	28.6	26.7	19.6	23.2	23.6
17	19.4	25.8	25.1	26.6	26.6	30.2	32.5	28.2	27.8	20.4	22.6	23.0
18	16.9	24.2	20.6	23.9	27.5	29.0	33.3	27.9	24.8	20.4	21.1	23.9
19	15.0	24.8	17.7	22.8	26.7	26.4	33.0	27.5	25.7	21.3	19.4	22.1
20	16.4	24.7	16.3	25.1	27.8	28.1	31.7	28.6	24.3	21.3	19.7	22.9
21	16.0	24.7	17.8	28.6	30.6	28.9	31.5	29.1	23.9	21.0	19.1	24.2
22	15.4	25.8	20.6	32.1	32.6	28.7	30.7	30.1	22.5	23.0	20.1	25.5
23	15.5	24.9	23.3	32.9	32.9	29.4	30.7	29.7	25.7	23.3	19.0	24.7
24	14.6	24.5	25.0	29.4	33.4	28.5	29.9	29.7	25.2	23.1	18.7	19.7
25	15.7	25.1	25.6	23.4	28.6	29.0	28.7	28.5	23.8	23.8	18.4	18.7
26	16.6	24.3	28.3	24.5	26.8	29.5	28.2	29.0	25.8	24.7	19.1	19.1
27	15.8	23.5	25.4	25.3	26.7	30.9	27.4	28.4	26.3	24.5	17.2	21.0
28	15.2	23.7	25.1	25.5	26.7	30.7	26.6	25.9	26.3	24.7	16.4	21.7
29	14.3	-99.0	26.8	25.1	26.0	31.6	27.3	25.5	25.5	24.7	16.2	18.7
30	15.4	-99.0	28.1	22.2	29.0	31.0	27.9	27.1	27.4	21.4	16.7	17.1
31	17.5	-99.0	30.1	-99.0	29.9	-99.0	26.1	29.1	-99.0	19.5	-99.0	16.0
2008												
1	13.8	11.2	14.7	22.1	27.0	28.1	31.0	29.6	26.9	23.5	26.7	18.2
2	14.1	10.1	15.0	20.2	27.8	27.1	30.1	28.5	27.9	25.3	26.3	17.6
3	14.9	9.9	16.0	20.7	28.7	27.9	30.6	28.2	28.7	26.8	22.7	19.1
4	17.4	12.1	15.6	23.2	29.2	27.3	30.8	28.5	28.8	27.9	22.9	20.7
5	16.8	14.2	17.5	25.1	29.4	28.4	29.8	28.8	27.7	27.0	25.1	18.8
6	19.5	13.2	18.7	26.2	25.6	26.3	28.3	29.2	26.6	25.3	26.4	16.8
7	19.8	12.7	18.8	28.4	26.2	28.4	27.8	28.3	26.8	26.2	26.0	16.4
8	20.2	11.9	19.8	30.2	28.1	28.1	27.3	28.5	25.7	27.5	21.6	16.3
9	21.7	11.8	19.3	30.4	28.6	28.4	28.1	28.2	25.2	25.8	21.5	15.8
10	22.6	12.0	19.0	29.9	23.1	29.1	28.4	26.9	25.4	26.0	18.9	17.7
11	22.7	12.2	21.0	30.4	22.2	28.5	30.1	26.1	25.7	25.8	18.7	17.7
12	21.8	10.7	21.1	30.5	22.8	29.3	31.7	27.2	25.7	23.8	19.4	18.9
13	21.2	11.8	22.2	26.3	23.6	29.8	28.3	28.8	26.0	23.7	20.6	19.0
14	19.3	11.8	21.6	25.2	24.3	30.5	29.9	29.6	24.9	23.7	21.1	20.0
15	16.3	11.6	21.6	26.2	25.9	28.8	30.7	30.7	26.4	22.8	23.2	18.0

16	13.1	13.1	23.4	26.9	26.7	30.3	30.1	31.1	27.7	23.5	23.2	17.8
17	12.8	13.3	24.0	25.5	28.3	28.4	29.7	30.5	27.9	24.0	23.9	18.3
18	15.1	13.4	24.7	25.8	29.2	28.4	27.9	26.7	27.8	25.0	23.3	17.8
19	18.3	13.7	23.6	26.9	23.3	27.8	27.9	24.0	27.0	23.8	19.8	18.5
20	21.5	13.9	24.4	29.3	22.8	29.2	30.8	26.6	28.5	24.8	17.6	19.0
21	22.7	15.3	24.7	29.4	25.6	30.8	31.4	29.0	27.7	24.5	19.5	20.4
22	20.1	15.9	24.4	26.6	27.1	31.8	32.2	30.2	28.9	26.1	20.4	20.4
23	15.6	18.6	19.5	24.0	26.9	32.4	31.3	31.2	29.4	26.4	21.0	16.7
24	14.5	19.6	19.5	20.4	28.6	32.4	29.9	26.5	29.2	25.5	20.6	16.4
25	14.3	20.8	21.5	20.6	29.0	32.2	26.7	29.5	31.4	25.4	19.6	16.2
26	15.3	19.2	20.4	21.7	30.3	32.4	27.4	28.9	30.3	25.1	19.9	17.6
27	15.8	13.3	20.3	24.6	29.7	31.1	27.3	28.9	26.3	25.9	19.4	17.2
28	17.0	13.6	24.9	22.7	28.9	27.8	28.3	28.9	25.8	23.7	16.8	19.4
29	16.1	14.3	28.5	24.7	24.8	28.6	28.2	29.4	26.2	23.3	15.3	19.9
30	15.0	-99.0	28.7	26.0	25.3	28.5	29.6	30.1	23.1	23.7	15.3	19.1
31	13.0	-99.0	24.4	-99.0	23.8	-99.0	30.2	28.6	-99.0	25.8	-99.0	16.7
2009												
1	14.7	18.4	22.3	19.5	24.3	28.4	31.8	-99.0	27.8	24.5	24.1	20.0
2	15.0	19.9	19.2	20.4	24.6	-99.0	33.5	-99.0	26.8	26.1	22.0	19.4
3	16.1	20.5	20.6	22.3	23.3	29.2	-99.0	29.0	26.9	-99.0	19.9	19.5
4	17.6	20.5	23.1	23.7	23.8	27.8	-99.0	30.4	25.8	-99.0	18.8	19.4
5	18.1	20.7	25.5	23.9	24.6	28.0	-99.0	31.4	26.8	26.1	20.4	19.9
6	18.5	20.5	19.3	19.4	25.8	28.1	28.2	30.1	28.1	-99.0	21.8	19.7
7	18.4	19.5	16.9	21.2	27.4	29.7	-99.0	27.7	28.3	24.8	24.2	-99.0
8	16.5	20.1	18.7	21.7	28.1	30.6	-99.0	25.6	26.6	24.7	25.7	22.3
9	13.9	20.8	18.6	23.2	28.6	32.3	-99.0	26.1	27.6	25.4	26.3	22.7
10	13.0	19.7	20.0	25.4	27.9	32.3	-99.0	25.4	28.0	26.7	26.7	22.3
11	12.7	20.9	22.8	25.8	27.0	31.3	30.5	26.5	27.3	26.6	27.6	21.9
12	13.7	24.4	23.8	26.0	26.9	31.2	27.1	28.2	28.2	25.1	27.6	23.4
13	12.2	28.4	23.4	28.1	25.3	31.3	28.9	27.9	27.9	-99.0	24.3	22.3
14	11.7	24.0	16.6	26.4	26.3	29.9	28.7	-99.0	29.4	25.6	21.0	23.2
15	13.8	22.5	16.7	27.4	25.6	27.8	28.5	-99.0	29.9	23.6	22.8	23.9
16	14.3	23.3	18.6	29.5	27.4	27.5	26.2	-99.0	29.2	23.3	21.2	20.8
17	17.1	24.6	22.1	29.1	27.7	27.7	28.1	28.1	28.4	25.3	16.5	18.1
18	19.3	22.8	24.1	31.0	27.7	31.2	27.9	26.3	29.1	25.2	14.8	16.3
19	21.2	25.3	25.5	33.4	27.4	29.5	29.5	27.2	30.0	24.1	14.5	15.1
20	20.7	25.5	25.0	27.2	27.4	31.4	30.2	27.3	30.6	25.9	15.0	14.3
21	21.2	25.1	25.6	26.2	26.3	32.5	26.5	27.1	28.8	23.8	15.1	13.9
22	21.2	27.2	27.6	26.6	26.1	32.9	28.0	-99.0	25.7	23.1	15.9	16.0
23	20.1	27.6	29.2	28.1	26.4	31.9	30.0	-99.0	25.4	22.9	17.7	19.0
24	15.5	27.6	26.2	30.0	27.9	31.1	31.5	27.9	24.4	-99.0	18.3	21.1
25	14.1	26.4	23.8	24.6	28.1	31.3	32.6	28.5	25.1	-99.0	20.0	21.3
26	14.4	25.2	22.5	22.5	28.4	29.3	31.5	-99.0	25.9	25.2	22.4	22.7
27	13.2	25.1	24.2	22.9	29.0	30.0	31.1	30.2	26.1	24.7	23.4	23.5
28	15.6	24.8	27.3	24.1	30.7	30.9	30.6	28.1	26.2	24.8	-99.0	16.7
29	16.3	-99.0	24.8	23.9	25.5	31.5	28.6	-99.0	24.7	23.6	21.5	18.1
30	16.7	-99.0	22.8	24.1	23.2	32.6	27.3	-99.0	22.5	24.6	20.5	19.5
31	17.1	-99.0	19.8	-99.0	25.8	-99.0	28.1	-99.0	-99.0	24.7	-99.0	20.0
2010												
1	20.6	23.9	27.4	26.5	25.8	34.2	30.0	30.2	28.3	26.7	20.3	22.4
2	20.6	24.8	28.1	26.0	25.9	28.3	29.4	26.8	27.9	25.6	19.2	19.1
3	19.4	24.9	29.5	21.8	26.3	24.4	31.8	27.6	28.1	23.5	20.1	17.7
4	20.7	24.4	27.9	23.4	28.4	25.7	32.8	27.4	28.8	21.0	19.6	18.7
5	22.8	24.1	27.8	25.9	30.8	26.7	33.4	27.5	28.4	22.1	20.2	21.4
6	22.8	24.9	28.8	27.0	32.1	27.1	34.4	27.6	27.8	23.0	-99.0	21.8
7	19.3	25.5	22.7	24.7	31.8	28.9	34.3	27.8	29.6	28.3	21.1	21.1
8	16.9	25.8	21.7	21.9	31.6	30.4	33.0	27.0	30.1	27.5	20.3	17.2
9	19.6	27.3	16.0	22.7	32.4	30.6	33.7	27.7	28.5	27.2	20.5	18.3
10	22.7	27.2	13.7	27.6	27.9	30.2	33.5	26.4	29.2	26.1	22.2	20.2
11	19.9	26.4	16.1	30.4	27.6	31.1	33.7	28.1	28.9	27.3	20.8	22.5
12	15.8	20.9	18.5	32.2	27.6	31.2	32.7	28.3	27.8	25.9	21.4	24.1
13	13.5	18.9	22.5	27.4	28.9	31.5	29.6	28.2	26.8	26.8	20.4	25.5
14	14.8	19.6	27.1	27.5	30.7	31.2	27.9	28.1	27.7	25.8	21.2	25.4
15	16.2	18.9	26.6	23.9	28.2	30.7	28.7	28.5	26.6	25.2	22.1	25.6
16	-99.0	16.2	21.7	19.0	29.4	31.9	29.1	27.8	25.4	21.6	22.1	15.1
17	16.8	14.8	19.9	20.6	29.8	33.2	25.8	28.2	26.9	22.4	21.1	14.1
18	16.8	13.3	21.1	22.9	29.4	32.8	28.4	28.0	26.9	23.6	21.1	15.8
19	18.3	12.6	23.0	26.8	30.6	32.6	29.6	28.3	26.9	23.1	21.0	17.5
20	19.3	13.8	24.6	29.1	31.4	33.0	29.6	26.9	28.5	24.2	21.3	20.1
21	21.0	16.7	25.0	32.6	32.4	30.3	29.5	25.5	28.8	23.2	22.6	20.3
22	21.9	19.0	25.1	28.6	31.6	28.1	28.5	26.9	27.6	22.6	24.1	19.8
23	18.0	20.2	25.9	21.2	30.8	29.9	28.3	26.5	26.4	22.9	23.6	21.1
24	17.6	25.0	26.4	21.3	26.6	32.1	29.5	25.0	26.4	24.7	23.6	22.2
25	17.9	26.8	20.5	24.2	27.5	32.1	28.2	28.8	27.1	25.0	22.7	22.9
26	17.1	26.8	18.9	24.5	29.2	32.0	27.4	28.6	26.9	23.7	-99.0	14.9
27	19.3	25.5	18.2	21.8	30.6	31.1	25.9	27.5	26.6	21.2	-99.0	15.3
28	20.5	25.6	19.7	24.3	-99.0	31.5	28.2	25.8	26.6	18.1	-99.0	17.3



29	21.3	-99.0	21.8	24.5	-99.0	33.3	30.5	25.0	27.0	16.9	21.5	19.2
30	-99.0	-99.0	22.5	25.7	-99.0	30.2	29.9	26.3	25.7	18.7	21.9	20.2
31	23.6	-99.0	24.9	-99.0	31.2	-99.0	30.7	27.4	-99.0	17.9	-99.0	18.0
2011												
1	18.7	12.9	21.2	19.0	28.1	27.9	26.9	26.5	30.0	22.7	22.6	22.2
2	20.4	13.7	20.2	21.3	29.0	27.3	30.6	25.4	29.4	23.9	22.7	16.3
3	19.7	15.6	18.9	21.5	27.9	27.9	30.6	27.2	29.0	21.8	22.0	16.0
4	17.6	17.5	17.2	21.7	25.8	29.4	30.4	29.2	28.2	22.0	23.4	18.8
5	17.0	18.6	18.3	20.2	25.0	29.8	30.0	30.4	26.1	20.1	23.3	19.7
6	16.2	18.7	21.3	20.2	27.9	30.3	31.5	29.1	28.6	20.7	24.0	20.0
7	13.5	20.3	19.2	21.7	29.1	30.7	33.9	27.8	27.8	21.7	24.2	20.6
8	13.4	20.0	15.6	22.4	30.3	29.7	31.2	28.4	28.6	22.8	23.3	19.5
9	14.0	21.6	16.6	21.1	30.9	31.3	29.9	28.6	26.7	24.1	23.2	15.5
10	12.1	20.6	16.9	22.3	31.7	31.0	29.8	27.3	25.2	25.1	22.1	13.7
11	11.4	21.6	17.2	21.9	32.7	31.6	29.8	27.5	24.7	25.4	20.8	14.1
12	10.8	17.5	17.8	21.8	30.1	29.2	28.1	27.8	25.9	24.6	21.6	13.3
13	12.6	16.1	20.1	22.7	26.7	30.1	27.9	27.8	26.3	24.6	22.0	13.6
14	15.4	14.3	21.4	24.1	26.1	29.9	26.5	28.3	27.1	24.5	22.0	17.5
15	14.1	14.9	20.6	25.7	27.2	30.6	26.0	27.3	26.5	23.7	23.2	17.5
16	13.2	16.7	12.8	26.6	26.5	32.0	27.4	26.7	27.4	21.9	23.7	15.5
17	13.4	17.6	11.1	27.4	25.6	31.3	28.5	26.4	27.7	21.9	24.6	15.4
18	13.9	17.9	12.8	23.6	25.3	30.7	29.8	26.4	27.8	23.0	24.2	15.6
19	14.9	17.2	17.1	23.9	24.8	28.9	29.4	26.3	28.2	22.9	24.0	15.9
20	15.0	16.2	20.4	23.4	27.0	28.2	29.1	26.7	25.9	23.1	23.2	16.8
21	12.7	16.3	23.4	25.4	29.6	28.7	29.5	27.1	25.5	23.7	22.0	17.7
22	13.7	17.2	20.0	25.9	30.6	29.9	29.3	28.2	24.3	24.0	21.7	17.6
23	14.5	18.3	15.8	23.4	25.5	30.6	28.9	29.5	23.8	24.7	20.7	17.0
24	13.4	19.9	15.5	23.3	22.5	26.4	29.2	27.7	24.9	24.6	19.9	14.3
25	13.3	21.1	14.2	24.1	22.9	27.9	28.9	27.9	24.5	24.3	20.4	13.7
26	13.5	22.6	14.0	25.6	24.4	29.6	29.6	27.7	23.8	23.8	22.3	13.1
27	14.2	22.1	13.8	26.4	24.8	30.6	30.1	28.3	23.5	24.2	23.3	15.7
28	13.9	21.9	14.2	26.1	24.9	28.8	29.3	28.5	26.6	24.7	23.7	15.7
29	11.5	-99.0	14.2	25.7	25.2	28.4	27.8	29.1	26.9	23.0	24.4	17.6
30	11.9	-99.0	13.4	27.5	26.1	27.6	24.8	28.5	24.4	22.4	23.8	17.5
31	12.8	-99.0	16.7	-99.0	26.8	-99.0	27.9	29.3	-99.0	22.7	-99.0	16.6
2012												
1	16.5	15.7	17.3	20.2	31.5	26.9	27.0	29.0	27.5	22.7	21.3	27.7
2	18.0	16.5	18.5	22.7	32.0	27.4	25.6	29.0	25.8	25.8	21.7	22.3
3	18.6	16.8	19.4	21.6	32.4	27.3	26.7	28.7	26.0	26.3	23.7	19.8
4	16.4	16.2	23.2	25.0	30.7	29.7	28.0	29.8	25.3	27.2	24.8	20.9
5	13.4	19.1	25.4	23.8	28.7	31.0	28.0	31.0	23.7	27.0	-99.0	20.1
6	14.4	23.7	26.8	23.6	27.4	29.7	27.6	31.0	24.3	26.3	26.4	18.9
7	14.9	18.3	25.7	22.3	27.3	28.1	28.5	28.8	25.3	24.4	26.3	18.5
8	15.2	15.3	22.8	21.9	27.1	27.8	29.3	27.5	26.3	24.3	26.4	19.6
9	15.3	15.9	19.4	-99.0	28.6	29.9	29.0	27.9	26.7	25.4	27.3	21.2
10	15.5	16.9	16.4	-99.0	29.7	32.3	29.6	28.6	27.0	25.1	27.5	22.7
11	15.4	15.6	15.9	-99.0	25.6	32.5	29.4	29.2	28.0	25.3	24.9	23.3
12	15.3	16.0	15.7	-99.0	25.6	31.4	29.5	29.8	27.8	26.2	20.8	21.3
13	16.3	18.7	15.9	28.0	29.4	32.7	31.1	28.9	27.6	26.3	21.9	21.2
14	17.9	20.3	17.1	27.6	29.9	-99.0	32.6	29.1	23.3	26.3	23.4	22.6
15	18.5	20.5	18.6	29.8	26.2	29.0	30.4	28.6	23.3	25.5	24.9	25.3
16	19.1	19.6	21.1	29.4	25.9	27.8	31.4	27.6	25.5	25.4	24.7	25.3
17	19.9	16.1	23.1	28.9	27.1	28.7	31.1	26.4	26.6	25.5	-99.0	24.9
18	21.1	14.3	23.7	30.4	27.9	29.5	31.8	28.7	26.5	23.7	22.2	24.0
19	21.6	-99.0	24.5	31.1	27.9	31.8	31.5	29.4	27.7	24.5	23.5	19.4
20	22.4	15.2	25.2	30.9	30.0	31.8	30.4	28.7	27.9	26.0	25.0	22.4
21	23.5	18.3	25.1	24.9	31.0	30.5	31.6	29.2	28.5	25.4	25.8	24.5
22	20.6	21.8	27.1	25.0	29.1	29.7	31.9	28.3	28.1	25.8	28.1	12.9
23	15.0	22.2	23.4	27.0	27.8	30.8	28.0	25.5	28.7	24.4	26.4	12.9
24	15.1	21.6	17.8	32.3	29.0	28.5	27.8	26.2	28.9	25.4	23.2	15.6
25	13.6	21.4	18.3	33.0	28.6	27.9	29.5	27.0	27.5	25.8	24.1	17.8
26	13.7	18.4	18.4	26.0	27.7	29.8	29.8	28.0	26.2	24.9	24.9	19.1
27	15.7	15.2	20.3	23.9	26.5	31.4	29.7	28.7	26.5	24.2	19.6	19.3
28	17.4	14.9	22.0	27.7	26.8	31.0	29.9	28.4	25.2	24.4	21.0	20.1
29	16.7	-99.0	22.8	30.8	27.6	30.2	28.5	28.7	23.9	26.6	23.5	21.2
30	15.7	-99.0	22.9	30.0	27.2	29.9	26.4	29.3	24.3	25.6	26.0	15.7
31	14.7	-99.0	20.5	-99.0	25.6	-99.0	27.0	30.0	-99.0	22.5	-99.0	12.9
7777 KYANH												
1961												
1	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.4	-99.0	-99.0
2	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	26.0	-99.0	-99.0
3	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	26.4	-99.0	-99.0
4	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	26.8	-99.0	-99.0
5	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	26.3	-99.0	-99.0
6	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.8	-99.0	-99.0
7	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	24.8	-99.0	-99.0
8	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	24.8	-99.0	-99.0

9	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.3	-99.0	-99.0
10	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.4	-99.0	-99.0
11	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.5	-99.0	-99.0
12	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	26.7	-99.0	-99.0
13	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.2	-99.0	-99.0
14	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	23.2	-99.0	-99.0
15	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	23.2	-99.0	-99.0
16	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	24.5	-99.0	-99.0
17	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.2	-99.0	-99.0
18	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.0	-99.0	-99.0
19	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.0	-99.0	-99.0
20	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.7	-99.0	-99.0
21	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	23.9	-99.0	-99.0
22	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.5	-99.0	-99.0
23	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.6	-99.0	-99.0
24	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.9	-99.0	-99.0
25	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	26.4	-99.0	-99.0
26	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.5	-99.0	-99.0
27	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.1	-99.0	-99.0
28	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.4	-99.0	-99.0
29	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	25.3	-99.0	-99.0
30	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	24.6	-99.0	-99.0
31	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	24.4	-99.0	-99.0

1962

1	12.4	12.1	16.0	22.3	28.0	28.1	32.2	28.2	29.0	26.1	27.4	14.9
2	11.8	14.5	14.6	24.0	29.0	27.7	31.6	27.9	29.6	25.8	26.2	15.8
3	11.3	15.7	15.2	20.8	30.5	30.6	30.5	27.1	27.2	26.4	25.4	15.5
4	12.9	15.2	17.2	18.0	30.2	29.8	28.8	27.0	25.2	26.2	19.4	17.2
5	15.2	14.8	18.6	21.5	30.9	29.2	28.2	26.1	23.0	24.8	19.6	18.2
6	16.0	16.6	20.8	23.4	28.4	30.8	28.0	26.7	24.4	25.0	20.8	16.6
7	17.6	16.6	20.9	25.1	29.2	30.1	27.6	28.4	24.6	25.5	22.4	17.7
8	16.6	17.0	21.9	24.7	30.6	27.5	28.5	27.9	24.0	24.3	21.8	17.1
9	13.4	18.0	22.7	23.6	28.0	28.2	29.6	26.6	23.6	25.1	22.3	18.0
10	14.6	19.6	22.3	24.0	25.0	26.6	30.4	27.6	24.4	25.6	22.7	19.6
11	16.8	20.7	21.4	24.2	26.5	29.2	26.9	27.6	25.6	25.8	21.4	19.9
12	18.7	21.5	21.7	24.1	26.6	29.1	25.8	28.1	26.1	26.2	20.0	20.4
13	18.0	22.3	21.4	22.2	26.9	30.2	26.9	27.6	26.8	26.9	22.1	20.5
14	19.0	18.7	23.8	20.2	28.4	29.8	26.2	28.0	26.3	26.8	22.0	20.9
15	20.4	15.6	22.7	21.7	29.0	28.7	28.5	27.4	26.3	21.6	22.5	20.9
16	19.5	14.6	22.9	23.8	28.6	27.9	28.4	29.4	27.1	18.9	23.4	21.2
17	15.8	15.2	22.8	25.6	29.1	25.6	27.5	30.2	26.8	20.8	24.1	20.9
18	15.4	16.8	23.2	21.6	25.1	27.2	27.0	29.6	26.2	24.2	23.0	19.3
19	12.7	16.6	24.9	21.0	22.0	28.2	28.5	29.8	25.6	26.0	22.7	20.1
20	11.8	16.6	29.0	22.2	24.4	28.9	30.1	29.2	26.3	25.3	22.5	19.7
21	13.4	17.3	31.0	25.0	25.5	30.7	30.6	30.0	26.6	25.0	24.2	18.3
22	14.0	18.8	22.0	25.9	26.8	31.8	31.1	30.3	25.2	21.6	22.4	18.2
23	15.1	19.0	17.6	25.3	27.0	32.0	31.1	29.7	26.5	22.0	18.4	17.2
24	14.4	21.4	15.2	25.2	27.2	31.7	30.0	26.2	25.0	21.8	17.9	17.0
25	15.2	21.5	14.5	22.5	28.9	30.7	30.2	26.4	26.4	23.7	19.9	17.0
26	16.4	21.3	17.0	22.4	31.5	31.3	30.4	28.1	25.8	23.7	21.3	18.9
27	13.7	19.2	17.4	23.4	30.6	31.4	30.9	29.3	26.5	21.6	19.9	19.3
28	14.6	18.2	18.3	25.6	32.6	31.2	29.6	29.0	24.8	21.8	17.0	20.3
29	16.5	-99.0	19.0	25.5	33.0	31.6	29.1	29.1	25.4	22.3	13.7	21.1
30	16.6	-99.0	17.2	25.6	30.6	31.3	29.6	29.9	26.0	23.8	13.1	19.1
31	13.2	-99.0	19.0	-99.0	29.9	-99.0	29.4	27.3	-99.0	24.8	-99.0	15.1

1963

1	17.4	16.8	17.2	21.9	25.5	31.8	29.7	28.9	28.6	25.6	22.7	23.8
2	18.0	17.6	17.8	22.4	25.6	29.8	30.2	28.5	28.0	25.6	23.0	22.9
3	16.8	18.9	18.0	22.9	24.6	27.0	27.8	27.3	26.8	25.6	23.2	18.6
4	19.0	17.9	18.9	23.9	26.0	27.0	27.4	27.2	27.2	25.8	23.3	15.5
5	17.2	19.0	19.6	23.6	26.0	28.2	29.0	26.9	27.9	23.3	23.7	18.6
6	15.4	20.2	19.7	23.9	26.1	28.8	29.3	27.0	28.8	23.2	23.4	20.0
7	15.9	20.8	19.2	24.6	27.1	28.2	30.1	27.8	28.6	23.8	23.6	21.6
8	14.5	19.7	20.3	17.8	25.9	27.2	30.6	28.0	26.0	24.6	23.4	22.2
9	16.0	16.4	21.4	16.4	26.6	28.5	30.7	26.1	26.3	25.3	23.8	22.8
10	15.5	15.6	22.9	17.6	29.1	25.9	31.4	27.6	28.2	26.2	24.4	19.5
11	14.4	15.2	22.8	19.6	28.9	26.9	31.5	28.2	29.1	25.9	23.8	17.6
12	13.7	14.7	22.8	21.7	27.7	28.4	30.3	27.6	28.7	26.2	23.9	16.9
13	14.1	15.5	19.2	22.1	29.1	29.8	29.6	29.1	29.1	26.2	23.8	17.2
14	14.0	16.1	16.0	23.0	28.4	28.0	29.9	29.5	29.9	25.9	24.2	18.7
15	12.2	16.6	15.1	24.4	27.7	28.7	27.7	30.4	30.8	25.5	23.3	20.6
16	13.0	17.0	15.7	28.7	26.0	25.8	28.8	30.5	29.4	25.4	24.0	21.4
17	13.7	18.9	16.4	25.4	28.4	28.7	30.4	29.8	28.4	24.5	24.0	21.4
18	14.5	19.9	19.0	25.0	26.4	29.7	30.7	30.4	26.4	20.0	23.9	19.5
19	15.2	19.7	20.2	25.8	27.4	27.6	29.8	29.0	28.9	21.2	24.6	21.2
20	16.1	19.5	21.0	28.8	28.8	28.2	29.7	29.2	27.8	21.3	23.6	18.6
21	17.2	18.8	22.8	27.6	24.8	29.1	28.6	27.8	27.1	20.8	23.6	20.0

22	17.4	16.0	22.2	26.1	26.0	28.7	27.9	28.1	26.8	20.7	23.7	16.6
23	17.4	15.9	21.2	25.1	26.8	28.4	28.9	27.1	27.4	22.2	24.1	17.3
24	16.3	16.6	21.6	25.0	26.9	28.1	27.6	28.1	25.7	22.6	24.2	18.8
25	17.7	17.2	23.2	24.8	25.4	28.9	26.4	28.2	23.4	23.2	20.6	18.9
26	15.2	17.9	23.2	24.9	27.7	28.9	26.6	28.5	24.0	22.4	19.8	21.1
27	13.2	17.9	24.2	24.2	27.3	29.4	26.0	28.0	25.6	22.2	19.3	18.0
28	14.2	16.6	19.8	25.4	28.0	29.9	26.1	27.3	26.0	23.1	20.3	17.0
29	15.4	-99.0	19.5	24.8	27.9	30.6	26.7	27.7	25.4	21.0	22.4	18.5
30	16.8	-99.0	18.5	24.9	29.0	29.7	27.2	24.9	26.3	21.7	23.5	20.2
31	16.2	-99.0	20.7	-99.0	30.6	-99.0	27.7	28.5	-99.0	23.1	-99.0	21.3
1964												
1	22.0	13.4	15.9	21.5	25.2	31.4	29.0	32.6	28.2	24.5	25.3	22.6
2	21.2	14.6	18.2	22.8	25.5	30.5	28.3	32.3	28.4	24.1	25.7	21.9
3	16.8	15.3	19.3	23.8	26.1	29.4	27.2	32.1	29.5	24.9	25.5	21.0
4	17.4	15.8	21.0	28.1	26.2	26.1	27.0	29.9	29.9	25.8	24.0	14.8
5	17.6	16.8	22.1	27.3	25.3	21.6	27.6	27.5	27.4	25.8	24.4	14.2
6	19.2	18.1	21.9	25.9	24.2	25.0	29.3	26.0	28.9	25.7	24.6	15.5
7	21.0	20.4	20.9	23.9	24.4	29.1	29.2	27.2	28.8	25.2	22.0	16.2
8	21.5	21.2	19.0	24.3	26.0	29.6	27.3	29.2	27.4	23.3	21.8	18.6
9	21.9	22.2	17.5	24.4	28.0	29.5	27.6	29.9	27.0	23.4	19.6	19.8
10	21.4	22.4	17.1	24.7	29.4	30.6	29.2	30.1	27.2	23.5	18.3	20.4
11	20.8	22.9	17.4	24.2	23.8	31.2	29.6	30.1	29.0	24.6	17.4	19.2
12	21.5	19.6	18.9	25.0	23.0	31.2	28.6	30.4	29.2	24.6	19.1	20.6
13	22.4	16.1	19.6	25.3	23.6	31.5	28.0	28.3	27.4	25.7	19.8	20.5
14	22.1	16.9	19.6	25.6	25.3	31.4	30.1	27.6	26.1	27.1	20.0	21.2
15	21.6	19.2	19.2	24.4	26.5	31.3	31.0	26.6	27.5	27.1	20.6	19.4
16	21.7	20.7	20.9	25.0	27.6	31.4	31.2	29.0	26.6	25.9	18.6	15.5
17	22.0	21.0	21.0	25.9	28.4	31.3	31.4	30.3	27.8	26.4	18.2	18.0
18	18.2	19.8	22.8	24.8	30.1	32.4	31.1	30.6	27.4	26.1	17.8	15.2
19	13.8	18.6	23.5	24.8	30.8	31.6	31.8	29.6	27.1	25.9	18.2	13.4
20	14.2	15.5	23.7	25.4	30.9	28.7	31.1	29.8	26.5	24.4	19.2	14.7
21	18.1	12.2	24.2	26.0	28.8	28.2	30.2	28.9	26.9	25.7	20.8	16.6
22	23.8	13.7	24.0	25.7	28.0	28.7	28.8	28.0	25.0	25.6	18.6	16.6
23	22.2	15.0	24.8	25.3	26.8	28.8	27.4	27.6	26.2	23.4	17.7	19.0
24	17.2	14.8	22.2	26.5	27.8	29.8	28.1	26.6	26.4	22.8	17.7	18.0
25	15.0	11.3	16.5	26.6	27.6	29.0	28.5	29.2	26.4	21.3	18.6	19.0
26	14.7	9.0	16.3	26.5	27.6	28.8	28.0	28.1	26.2	23.3	18.7	20.4
27	15.6	11.0	18.4	26.6	26.8	30.6	29.1	27.5	27.1	23.6	18.9	15.6
28	14.6	13.4	19.2	27.2	27.8	31.3	29.9	27.1	25.6	24.2	19.6	15.4
29	14.5	14.5	20.4	26.6	29.7	32.1	30.9	27.4	24.8	24.7	20.8	16.5
30	12.7	-99.0	21.4	26.0	27.8	31.3	32.1	27.0	25.8	25.3	21.8	18.2
31	12.7	-99.0	22.8	-99.0	29.4	-99.0	32.8	26.5	-99.0	24.7	-99.0	18.8
1965												
1	16.9	20.0	20.2	24.6	24.1	27.8	29.5	28.0	28.4	27.4	25.7	19.8
2	17.7	20.0	21.7	30.0	21.6	28.9	29.1	29.2	26.8	28.1	25.6	20.5
3	18.9	17.8	22.4	30.2	22.2	31.0	31.1	29.4	27.4	27.6	24.4	21.6
4	19.1	18.3	19.7	29.8	24.0	30.9	31.0	30.8	28.2	27.2	24.7	21.4
5	20.3	20.4	17.7	26.0	25.8	27.4	30.5	30.8	29.3	27.1	24.3	23.4
6	20.1	18.0	17.4	23.1	26.5	28.1	30.5	31.1	28.5	27.2	25.0	24.2
7	18.3	17.0	15.9	23.9	28.2	29.6	30.0	30.4	25.4	27.4	25.1	21.6
8	15.0	19.1	15.3	25.0	30.2	29.6	31.0	31.0	25.3	26.8	24.9	21.2
9	16.9	20.3	15.0	26.0	30.7	29.1	30.5	31.1	26.0	26.7	24.4	19.2
10	17.2	22.4	16.8	26.0	32.2	27.5	29.8	30.3	27.0	26.5	21.6	20.9
11	16.2	22.6	17.8	21.7	32.0	26.5	27.6	29.8	27.3	24.7	22.2	19.6
12	15.6	22.9	19.1	21.8	30.7	26.2	25.1	28.8	28.5	25.8	22.7	19.1
13	16.7	21.8	19.8	22.0	30.8	27.8	27.4	28.0	26.5	26.8	21.6	20.5
14	16.1	21.0	19.6	23.9	32.5	28.2	28.0	26.9	27.2	22.8	22.4	21.4
15	17.4	21.8	20.1	24.6	32.4	28.8	30.2	27.4	25.2	23.4	23.4	22.8
16	17.4	21.8	19.8	25.5	26.2	29.4	30.5	27.2	25.4	23.7	24.4	23.6
17	16.6	22.6	18.6	27.8	26.3	29.9	30.3	27.6	25.4	24.2	23.9	15.2
18	17.0	23.3	19.8	23.5	26.6	30.0	30.3	25.3	25.4	24.4	23.4	10.1
19	17.9	23.8	19.9	24.1	27.8	28.6	32.0	25.2	25.6	24.2	23.5	12.8
20	17.3	23.1	21.5	25.2	27.7	25.7	32.4	26.0	24.8	23.8	23.2	16.8
21	17.6	23.3	22.9	29.0	26.3	26.5	32.6	28.0	25.7	23.1	21.2	19.2
22	18.0	23.4	23.4	29.5	26.9	26.4	28.8	27.7	26.1	22.2	18.7	20.5
23	17.4	22.2	23.2	29.8	26.8	26.6	30.4	27.0	26.4	23.9	21.0	21.4
24	18.0	20.5	24.0	28.4	27.8	29.0	28.8	27.4	25.8	23.8	21.6	20.6
25	18.1	18.8	24.0	27.7	28.8	29.9	27.3	27.6	25.4	25.9	22.8	17.9
26	18.2	16.8	26.2	26.8	26.9	31.1	26.6	27.2	25.9	27.0	20.0	19.0
27	19.2	16.7	23.2	28.4	28.3	29.5	29.0	24.8	27.0	27.1	17.0	17.5
28	20.7	18.1	22.0	32.0	29.1	29.5	29.9	25.4	28.9	24.2	17.0	16.7
29	21.6	-99.0	23.8	27.4	24.8	27.9	28.8	27.3	29.2	25.2	18.4	17.2
30	21.8	-99.0	24.2	23.9	24.0	29.2	27.5	28.9	26.3	25.6	22.0	15.2
31	20.8	-99.0	24.9	-99.0	26.4	-99.0	28.4	29.0	-99.0	25.2	-99.0	14.1
1966												
1	15.2	20.4	23.2	22.7	27.4	31.1	31.1	28.0	24.6	24.6	24.4	15.4
2	17.0	20.9	23.0	23.6	28.1	31.8	29.9	25.6	26.6	25.6	22.5	12.5

3	17.8	21.8	25.2	25.7	22.7	31.1	30.0	27.8	27.0	25.2	21.2	13.8
4	18.5	22.2	27.5	26.5	21.8	27.7	30.6	28.4	27.6	25.1	22.0	16.0
5	18.6	19.4	24.8	24.6	23.1	28.0	31.0	26.6	27.8	25.2	22.6	17.4
6	19.2	17.6	26.6	22.7	24.2	27.8	31.8	27.5	27.7	25.5	22.7	18.2
7	19.8	19.9	27.8	24.8	24.0	27.8	31.2	27.8	27.8	25.9	22.2	19.6
8	19.5	19.9	22.2	25.8	24.2	30.1	31.8	27.8	26.7	26.3	22.5	20.8
9	20.6	21.3	17.5	25.6	25.7	30.5	31.9	28.5	26.0	26.0	23.4	21.4
10	20.6	21.8	17.1	25.2	31.0	31.4	30.0	29.2	26.0	26.2	24.1	22.2
11	21.4	22.0	18.0	24.8	32.1	31.2	29.6	30.1	26.3	26.8	23.7	21.2
12	21.8	21.9	20.1	25.9	32.8	32.2	28.6	30.0	27.4	26.7	23.8	21.4
13	22.4	18.6	22.4	26.0	32.0	26.8	28.9	29.4	27.0	27.0	26.3	21.6
14	23.0	16.2	23.2	26.5	29.1	29.7	30.3	30.8	27.0	27.3	25.3	21.9
15	22.8	19.3	24.0	25.6	27.3	30.4	31.5	31.2	26.8	24.0	17.6	22.2
16	22.1	21.4	24.1	24.8	25.6	29.7	29.4	30.1	26.3	23.6	19.8	23.2
17	22.4	22.2	26.2	24.4	25.8	28.2	27.8	30.2	25.7	23.0	21.7	24.0
18	22.7	22.7	28.2	24.8	26.4	28.2	27.3	31.0	25.9	21.3	21.2	24.5
19	23.4	22.8	19.4	25.7	24.8	29.2	26.6	31.8	25.2	20.5	21.6	24.7
20	21.4	22.3	19.2	26.4	21.6	30.4	27.5	28.4	25.0	22.4	23.4	24.8
21	17.4	24.0	24.2	25.3	23.4	31.2	28.4	24.7	24.9	24.6	18.4	23.6
22	17.9	23.6	28.9	27.0	24.4	30.8	28.4	25.9	24.5	25.4	17.9	23.8
23	20.2	17.0	27.9	29.0	23.6	30.2	28.2	26.5	24.0	24.2	20.1	23.0
24	22.4	13.6	25.3	28.2	24.8	30.2	28.9	28.2	26.2	24.1	20.6	21.8
25	20.9	15.0	23.5	28.8	25.5	29.9	29.6	27.7	25.1	24.6	21.6	23.0
26	19.5	16.8	21.9	31.6	26.4	29.7	30.3	27.5	24.2	24.9	18.3	20.8
27	21.8	19.0	19.2	29.4	26.1	30.5	30.4	27.4	23.6	25.0	17.7	16.2
28	17.8	21.3	20.1	28.9	27.4	30.7	30.6	25.7	24.6	23.4	20.4	12.5
29	15.6	-99.0	20.6	32.4	27.6	31.3	29.8	27.3	24.9	19.8	22.6	13.8
30	17.4	-99.0	21.7	30.5	30.4	31.5	28.9	26.8	25.1	22.0	20.6	16.8
31	19.1	-99.0	22.4	-99.0	30.0	-99.0	28.5	25.3	-99.0	23.8	-99.0	17.8
1967												
1	17.1	14.2	15.0	22.0	30.8	30.0	32.4	31.2	28.9	25.0	24.4	15.0
2	14.3	11.9	18.0	21.8	27.3	29.2	32.0	32.5	29.9	24.7	23.6	14.7
3	12.9	11.6	20.2	23.2	27.3	28.5	31.4	32.4	29.8	24.8	25.0	15.5
4	10.9	13.2	20.8	21.1	28.4	29.2	32.5	32.3	29.9	24.0	22.0	18.5
5	13.0	14.0	18.0	18.9	28.2	26.6	33.5	31.3	26.4	23.8	23.9	20.8
6	14.2	17.2	13.4	20.8	27.5	28.2	33.1	31.3	24.4	22.9	22.0	20.7
7	16.2	18.1	11.8	21.6	28.8	29.0	33.2	31.8	26.5	24.2	22.1	20.2
8	16.4	19.1	13.8	22.2	24.9	27.6	31.8	30.8	25.8	25.6	23.0	17.3
9	15.1	19.5	15.0	23.2	25.3	24.1	31.8	29.4	26.6	24.6	23.8	16.6
10	14.8	17.8	14.9	24.5	25.6	26.2	32.2	29.6	27.8	24.6	24.7	16.8
11	13.4	15.0	16.2	24.4	25.1	25.3	32.4	30.8	27.0	24.6	25.3	12.4
12	11.4	14.0	17.9	24.2	26.3	26.8	33.0	31.4	26.1	25.7	22.1	12.6
13	12.8	14.6	19.7	22.0	27.4	28.5	32.5	32.6	26.7	25.6	16.8	10.6
14	13.4	13.8	20.4	21.6	27.5	29.3	30.6	32.4	23.8	25.2	18.2	13.2
15	13.5	13.9	20.7	22.4	27.3	28.9	30.0	30.1	22.8	26.2	18.4	14.5
16	13.8	14.5	22.0	22.8	27.2	29.6	29.7	28.2	24.7	26.3	19.8	16.2
17	11.7	15.7	22.1	22.2	27.1	31.4	29.3	27.3	24.5	23.2	21.5	18.2
18	12.0	16.3	22.8	23.1	26.9	32.2	28.6	29.7	24.4	23.5	21.2	16.4
19	13.1	16.6	23.0	22.7	30.0	32.2	28.2	29.0	24.0	21.5	21.2	17.2
20	15.0	19.0	23.2	22.2	30.3	33.0	28.6	25.7	25.3	19.2	22.2	18.5
21	16.0	20.8	23.0	23.5	31.4	33.2	30.2	27.3	26.2	21.0	22.1	19.3
22	16.9	20.8	23.4	24.4	32.7	33.0	30.6	28.8	25.6	22.2	21.2	18.5
23	17.4	22.0	23.0	25.4	32.2	32.3	31.8	30.8	21.5	22.2	21.1	18.9
24	18.3	22.0	22.9	22.6	32.4	30.9	31.0	30.1	21.6	22.8	22.3	19.1
25	18.5	19.0	23.0	22.2	32.3	29.1	29.3	28.0	23.6	22.9	22.5	19.2
26	19.9	15.0	24.0	22.9	31.8	28.4	29.1	25.2	25.6	23.8	23.6	19.0
27	20.8	13.0	25.4	24.7	31.2	28.8	28.4	26.2	25.7	23.0	23.3	19.9
28	20.9	11.8	27.0	28.4	30.0	29.4	29.0	27.2	26.8	22.7	22.7	19.4
29	21.1	-99.0	25.0	29.4	28.9	30.2	28.8	28.4	26.5	23.5	23.3	13.5
30	19.1	-99.0	27.8	30.9	30.7	32.4	28.0	30.2	26.6	22.7	19.6	11.4
31	15.3	-99.0	30.8	-99.0	32.0	-99.0	28.6	30.4	-99.0	24.2	-99.0	13.3
1968												
1	12.7	22.0	16.6	21.1	22.1	24.4	31.4	30.8	27.5	24.3	24.6	22.8
2	14.2	19.4	14.2	22.4	22.7	25.6	31.6	29.6	27.8	24.4	24.7	22.1
3	14.5	16.3	14.4	22.8	24.7	26.3	32.0	27.7	26.8	25.6	24.5	22.5
4	14.4	14.8	16.8	20.0	27.0	26.5	31.6	27.3	25.5	25.3	24.2	23.0
5	14.5	14.8	18.3	19.7	27.8	27.2	30.6	27.4	27.3	26.5	22.2	23.2
6	16.1	13.8	19.4	20.2	26.4	27.8	30.8	28.0	26.4	29.2	21.1	22.6
7	18.0	12.9	20.7	22.0	28.4	28.7	31.6	29.4	25.9	30.4	23.4	22.2
8	18.6	11.9	20.0	23.2	27.5	28.1	32.6	29.6	28.9	28.6	25.1	22.5
9	15.7	12.4	19.1	24.5	26.8	27.6	32.4	29.7	27.0	23.8	25.4	22.3
10	16.9	12.6	17.2	24.8	26.6	26.2	31.8	28.9	26.6	25.6	23.8	23.0
11	18.3	11.9	18.8	21.4	26.9	28.6	31.5	29.7	27.3	24.1	23.0	22.6
12	18.4	12.0	19.0	18.9	26.5	29.9	32.6	27.5	26.4	25.2	24.4	22.1
13	16.9	12.0	19.3	19.0	24.9	30.6	32.4	25.6	25.6	25.8	24.7	23.0
14	18.3	11.8	20.8	20.4	25.4	31.0	31.4	27.6	26.2	25.6	23.8	21.6
15	18.0	13.0	20.8	21.7	27.1	31.8	30.7	28.6	27.0	25.4	23.2	22.0

16	15.4	14.2	21.7	23.8	29.9	31.4	28.7	28.4	28.6	26.9	22.6	19.6
17	16.8	13.6	22.0	24.6	30.2	30.6	28.8	27.8	28.7	26.5	22.4	22.0
18	17.7	14.1	23.0	24.3	31.7	29.5	31.5	25.8	29.8	25.6	21.8	23.0
19	18.7	14.0	22.5	24.8	31.4	31.4	32.2	27.0	28.0	21.7	22.4	22.1
20	19.9	14.1	24.3	21.1	31.2	31.2	32.6	27.6	28.1	24.8	23.2	22.7
21	19.1	14.1	23.4	21.1	30.3	31.4	30.2	30.1	24.4	22.9	23.0	22.0
22	20.8	14.8	23.1	22.2	30.4	31.6	28.6	31.1	25.8	22.7	22.9	18.2
23	22.2	14.4	22.6	24.1	31.6	31.6	27.6	31.6	26.4	22.8	23.2	16.8
24	20.4	14.2	23.7	24.6	32.3	31.2	27.8	31.5	25.8	23.6	22.8	19.2
25	21.4	13.8	18.3	22.9	32.9	31.3	28.6	31.0	25.8	22.4	22.5	20.8
26	20.9	13.0	16.2	21.4	31.2	29.8	30.8	31.4	24.9	21.9	22.8	21.3
27	20.9	13.9	18.0	19.8	30.0	31.3	31.7	31.2	26.6	21.4	23.2	20.9
28	20.1	16.5	20.0	20.2	25.8	30.2	30.7	32.1	26.8	22.5	24.0	21.4
29	19.9	16.4	19.7	21.7	26.1	29.9	31.2	31.6	25.6	22.6	23.5	21.9
30	20.5	-99.0	21.2	21.1	28.0	31.1	31.8	29.6	24.8	23.8	22.2	21.9
31	21.2	-99.0	20.1	-99.0	26.9	-99.0	30.6	28.0	-99.0	23.7	-99.0	21.8
1969												
1	22.0	15.6	18.6	19.1	26.4	26.6	29.7	30.4	27.3	24.6	25.2	16.9
2	22.1	14.6	18.1	20.4	26.4	27.0	28.6	30.8	27.0	23.2	22.7	18.2
3	19.5	16.3	18.8	22.1	27.4	28.2	28.7	31.3	27.9	22.1	21.4	16.8
4	18.9	12.9	18.4	22.0	27.7	30.6	30.8	31.0	26.0	23.3	21.4	15.7
5	18.7	13.6	16.9	15.0	28.7	31.2	31.0	30.4	25.8	23.8	24.0	17.0
6	15.8	11.6	17.2	16.3	24.7	26.8	31.4	30.6	25.1	25.6	21.9	18.4
7	12.9	12.9	18.0	17.2	25.8	27.8	31.2	29.6	26.2	24.0	20.0	21.0
8	15.9	13.4	19.1	18.7	26.3	30.5	30.6	28.0	27.3	23.6	20.2	19.0
9	18.4	14.0	18.6	19.6	26.8	31.1	30.7	28.0	27.3	25.5	20.6	16.0
10	20.8	17.8	17.8	20.7	28.1	31.5	30.4	27.6	27.4	24.1	20.8	14.3
11	22.0	20.2	17.4	23.2	29.0	29.1	27.3	28.0	27.4	24.1	19.8	16.2
12	20.2	21.8	17.2	24.4	31.1	28.6	29.0	26.8	27.8	24.8	21.0	16.3
13	16.5	22.2	15.8	25.2	33.4	31.4	29.0	27.5	25.6	24.6	24.2	18.4
14	17.9	22.1	17.3	26.8	33.0	31.3	30.6	27.2	26.4	25.4	24.5	16.2
15	16.4	22.4	18.6	28.0	30.1	31.4	31.4	27.2	26.2	25.6	24.2	16.8
16	14.2	22.3	18.0	25.9	30.9	29.8	31.6	26.5	26.1	25.7	25.5	17.8
17	15.3	23.1	17.8	25.4	32.1	27.2	30.7	26.6	24.3	26.7	22.4	16.3
18	18.7	23.2	19.8	25.4	31.2	25.2	27.8	26.2	23.7	27.6	16.9	16.3
19	22.3	27.9	20.9	26.2	33.2	25.6	27.8	26.8	23.2	27.8	17.2	16.6
20	23.4	22.8	22.8	26.9	32.6	27.0	27.4	27.6	25.5	27.6	19.3	16.2
21	23.8	20.1	22.5	26.8	30.8	27.6	27.3	27.9	26.1	28.2	20.3	18.2
22	22.8	17.2	23.1	26.2	32.0	28.9	27.2	28.6	26.8	26.9	21.9	17.4
23	21.7	17.4	24.3	28.0	32.7	29.6	24.8	28.2	26.7	26.1	22.2	17.2
24	22.5	18.6	24.9	27.6	30.8	29.3	26.6	30.9	27.0	26.4	18.1	17.8
25	22.6	19.9	23.6	26.0	31.3	28.9	29.0	32.1	26.7	26.6	15.1	19.0
26	22.6	19.8	24.3	26.2	30.8	30.3	29.3	31.5	26.9	25.5	16.6	20.4
27	23.9	16.8	25.4	26.4	23.1	30.5	28.8	29.1	27.7	20.8	15.4	20.4
28	24.2	16.8	26.2	26.4	25.6	30.6	29.3	28.1	28.6	21.3	15.6	17.1
29	24.4	-99.0	24.4	26.4	26.3	30.3	30.5	28.0	26.0	24.0	19.3	16.8
30	22.5	-99.0	21.6	26.6	26.5	30.4	30.2	28.0	25.0	24.8	16.2	18.2
31	17.2	-99.0	19.0	-99.0	25.2	-99.0	29.5	27.4	-99.0	25.4	-99.0	18.9
1970												
1	19.1	17.2	20.2	24.4	30.6	28.7	29.6	27.6	27.8	19.2	16.0	15.7
2	18.6	18.9	22.0	18.6	30.0	29.2	30.4	28.8	27.6	22.1	16.8	18.0
3	19.3	17.9	21.0	19.7	26.1	28.8	30.9	30.4	27.2	22.9	18.3	18.4
4	18.9	18.8	18.4	19.9	26.6	30.7	31.2	30.9	25.3	23.2	19.2	17.8
5	19.0	18.9	17.8	19.8	27.1	30.7	30.2	29.6	23.9	22.4	19.4	18.0
6	17.6	17.2	18.4	21.3	27.3	31.6	30.7	28.4	26.8	23.2	19.2	18.5
7	15.8	18.2	19.5	21.8	27.4	30.8	31.1	29.4	26.7	24.3	19.4	19.5
8	16.3	19.1	18.4	23.6	29.3	29.0	30.2	30.5	27.2	25.2	19.7	20.3
9	16.5	19.5	19.3	26.1	32.2	29.2	30.5	29.1	29.4	25.6	18.9	18.5
10	16.2	19.4	20.4	28.0	31.7	30.4	30.6	27.9	29.1	24.4	18.9	18.2
11	13.4	17.2	20.9	27.7	30.0	28.6	31.0	27.5	28.2	26.1	21.2	20.2
12	15.9	14.5	23.1	19.8	31.6	27.5	31.5	28.4	26.9	24.4	22.4	21.2
13	17.6	16.5	22.8	16.9	31.1	25.4	31.4	29.4	27.0	25.8	23.5	21.0
14	19.2	18.8	21.1	17.8	24.8	25.0	31.7	28.6	29.3	25.2	23.1	19.1
15	17.6	19.5	21.0	19.7	23.2	27.2	29.8	28.2	29.3	24.8	20.3	17.0
16	14.7	18.0	17.8	22.5	23.1	27.6	29.2	28.2	29.5	25.7	17.1	18.3
17	14.1	19.2	17.7	23.6	24.8	27.5	30.4	26.4	29.8	25.8	16.0	19.0
18	14.4	22.4	16.5	24.3	26.2	29.2	29.9	26.1	29.4	25.3	17.8	20.0
19	13.0	23.0	16.4	25.3	27.1	30.6	30.6	26.1	28.9	25.1	19.8	20.2
20	13.2	21.4	17.4	25.0	21.5	30.5	30.5	27.4	27.8	23.8	19.9	19.4
21	14.6	22.2	19.2	24.3	22.6	28.4	30.8	28.1	26.8	22.7	19.7	20.6
22	16.6	21.6	18.1	26.0	25.0	26.4	30.0	29.6	27.5	24.0	19.8	21.2
23	18.1	23.0	16.8	25.9	26.6	26.6	30.6	27.7	27.5	24.6	18.6	22.0
24	17.9	23.4	17.4	24.3	28.1	29.3	29.9	26.4	26.8	24.5	19.9	22.4
25	16.1	23.2	17.3	24.1	29.2	30.3	28.3	27.0	26.1	24.5	21.0	19.7
26	16.8	22.7	17.5	25.6	30.2	31.4	28.6	27.0	26.6	25.8	21.8	17.1
27	18.5	23.0	17.8	22.5	31.8	29.7	28.9	28.2	26.2	20.4	22.9	17.3
28	19.1	21.8	19.6	22.0	31.3	27.5	29.0	29.4	24.9	17.6	22.3	17.4

29	18.7	-99.0	20.6	25.4	30.0	28.6	30.6	29.9	22.5	19.2	19.6	17.4
30	16.9	-99.0	22.3	29.1	30.1	30.1	30.4	30.7	18.9	17.3	16.7	18.1
31	14.2	-99.0	24.0	-99.0	29.8	-99.0	29.8	29.5	-99.0	15.8	-99.0	16.9
1971												
1	15.3	11.3	25.2	23.0	26.2	29.5	30.2	30.8	27.2	27.5	21.0	16.4
2	16.2	12.2	26.4	26.5	25.6	30.0	30.3	30.5	27.7	27.1	22.3	17.4
3	15.1	12.8	22.6	26.0	26.0	29.2	30.1	31.1	28.8	26.8	23.5	17.3
4	14.5	13.4	21.7	24.9	26.0	30.0	28.6	30.8	29.6	27.1	24.2	18.7
5	13.6	13.8	21.7	26.0	24.4	30.8	27.3	30.2	30.1	25.8	23.8	20.1
6	13.5	13.4	22.2	25.0	21.2	29.8	26.5	28.9	30.0	24.7	24.4	21.2
7	15.0	12.3	21.6	24.8	22.0	28.6	25.4	29.0	29.7	23.8	22.2	21.0
8	14.6	12.4	20.2	24.5	23.6	28.6	28.9	28.6	28.9	21.4	23.0	20.0
9	17.1	13.8	16.7	22.8	26.2	29.2	29.7	28.4	29.2	19.2	23.3	16.8
10	15.4	15.8	17.9	21.6	29.2	29.6	29.6	28.9	30.4	19.6	22.8	16.8
11	14.9	17.5	19.7	22.0	28.9	30.1	28.4	28.9	31.4	22.8	22.8	18.7
12	17.0	18.7	17.7	24.4	25.8	30.8	25.4	28.9	30.4	22.4	22.7	18.5
13	17.6	19.3	18.5	24.4	25.8	29.6	25.8	27.0	29.5	22.7	22.7	19.2
14	18.6	19.2	17.4	23.3	27.2	28.1	27.3	28.4	27.6	23.1	20.1	19.4
15	18.8	15.0	15.8	23.6	27.0	27.5	26.4	29.0	26.9	21.4	17.8	19.2
16	20.0	14.8	17.3	23.8	29.6	25.7	27.2	29.6	25.7	20.3	17.4	19.0
17	21.4	17.0	18.4	24.2	29.7	26.9	25.2	28.3	26.4	22.8	17.6	18.2
18	19.8	17.8	18.6	23.6	30.2	29.5	25.3	28.6	25.5	22.5	18.3	18.6
19	19.5	19.4	19.7	24.1	29.0	29.6	27.9	27.7	27.4	23.4	18.3	17.8
20	19.9	21.1	20.8	23.9	25.2	26.9	29.7	25.5	24.7	24.0	19.2	17.2
21	19.9	20.2	21.0	24.9	26.2	27.8	30.3	26.6	22.5	24.7	17.8	16.0
22	16.1	20.2	21.5	25.8	28.4	27.8	30.2	27.7	22.4	25.0	19.5	16.7
23	15.5	21.8	19.3	26.6	29.8	28.2	29.7	28.2	24.4	25.0	21.2	18.8
24	16.6	22.9	17.3	26.4	27.9	28.7	29.0	28.1	25.1	23.9	19.8	21.0
25	15.4	22.9	18.2	26.2	23.7	29.1	28.9	27.7	25.9	22.5	18.2	21.5
26	13.4	23.4	19.8	26.2	26.1	29.6	29.6	27.2	25.9	22.2	19.0	19.4
27	14.1	22.6	20.8	26.6	27.6	29.1	29.2	26.7	26.0	18.2	19.5	17.0
28	15.5	23.2	21.4	25.3	27.3	28.3	28.0	27.0	26.0	18.0	20.3	15.0
29	14.0	-99.0	22.7	26.3	26.9	29.3	28.6	27.0	26.8	17.4	20.6	14.4
30	10.5	-99.0	23.6	26.5	27.7	29.2	28.8	26.0	24.9	19.1	18.0	15.2
31	10.0	-99.0	22.8	-99.0	28.4	-99.0	30.3	-99.0	25.6	20.5	-99.0	17.0
1972												
1	15.8	21.0	14.8	20.7	29.9	25.2	26.3	28.4	26.7	26.7	25.0	16.0
2	16.4	21.9	15.0	19.8	26.8	26.5	28.8	28.3	27.0	25.8	24.6	16.7
3	17.8	22.2	14.8	20.1	28.1	27.5	30.0	29.0	27.0	23.9	25.0	17.0
4	19.5	21.4	15.3	20.4	31.4	26.2	30.5	27.9	26.8	21.6	25.4	18.9
5	20.0	19.7	15.9	21.3	31.0	27.4	30.2	26.6	26.8	22.7	25.0	19.8
6	17.8	19.0	18.5	23.7	31.0	27.9	29.6	26.3	26.9	25.0	23.6	20.8
7	14.7	17.5	19.8	24.0	30.8	28.5	28.6	27.3	26.4	25.4	23.8	21.1
8	13.6	15.0	20.4	20.9	29.1	28.6	28.5	29.1	25.8	26.3	21.4	21.1
9	13.8	10.8	20.7	19.2	30.8	27.7	29.1	29.4	25.8	26.9	23.1	20.3
10	13.2	10.3	21.2	17.9	31.3	26.5	31.5	29.4	26.1	27.2	22.4	21.3
11	15.4	12.8	20.8	17.8	29.9	27.2	31.0	28.5	26.2	24.8	22.1	22.5
12	15.4	16.6	18.3	19.3	31.2	30.2	31.1	27.6	26.6	25.1	22.4	20.8
13	15.6	18.4	17.8	21.2	31.2	30.5	30.8	28.3	26.8	25.2	23.2	15.8
14	16.8	19.0	20.2	23.4	28.6	31.0	30.3	28.1	26.9	25.8	23.6	11.7
15	13.9	20.5	21.3	24.8	28.2	31.4	27.6	27.7	26.9	26.6	24.4	13.5
16	14.1	21.1	22.0	26.8	28.9	32.1	24.8	28.4	27.2	25.6	23.8	16.4
17	15.9	21.0	22.7	29.1	30.0	31.9	25.2	27.9	27.2	26.4	20.7	18.6
18	17.0	20.2	22.9	29.6	29.7	30.4	29.0	27.7	28.1	26.7	19.0	21.1
19	17.7	20.1	22.9	28.1	29.5	29.6	30.0	29.0	26.6	27.5	19.6	21.9
20	17.7	21.2	22.1	27.8	25.7	30.2	29.8	28.9	27.8	27.6	20.9	21.9
21	18.0	20.8	22.1	26.4	27.7	30.6	29.5	27.8	27.6	27.1	19.4	21.2
22	17.4	20.7	23.0	26.1	30.1	31.8	30.5	28.6	27.5	24.2	18.8	22.0
23	17.3	21.2	23.6	25.1	32.2	31.9	30.4	27.4	28.1	20.2	20.6	20.8
24	18.0	21.2	24.3	22.0	32.0	31.0	31.3	27.6	26.8	21.5	21.1	20.0
25	19.1	23.8	23.0	20.0	30.7	29.8	30.6	28.0	21.5	22.8	20.4	21.6
26	18.4	20.2	19.5	20.9	26.8	28.3	29.9	-99.0	22.6	23.4	21.4	22.6
27	18.2	15.1	20.7	22.5	29.7	30.4	27.0	29.0	26.0	25.2	19.0	21.6
28	18.0	13.9	20.9	24.1	28.3	31.6	25.7	26.3	26.4	24.2	17.8	21.6
29	18.9	-99.0	21.5	24.8	29.2	28.5	24.2	26.8	25.4	24.5	17.6	18.8
30	20.8	-99.0	21.8	28.2	27.6	28.2	28.0	29.0	25.9	24.8	17.9	16.0
31	21.6	-99.0	22.4	-99.0	24.2	-99.0	29.5	26.6	-99.0	24.2	-99.0	16.2
1973												
1	17.7	18.8	23.5	27.1	29.8	30.1	30.8	28.7	24.3	26.2	21.7	17.6
2	14.5	19.2	23.8	27.0	28.8	30.7	31.1	28.8	25.2	26.3	22.1	17.9
3	13.9	19.4	22.7	27.1	28.9	31.8	30.7	28.4	26.8	26.7	21.8	19.0
4	14.8	20.6	23.0	22.4	25.5	30.3	30.9	28.0	28.3	27.5	22.2	20.3
5	14.8	21.1	23.8	21.0	27.2	28.4	28.4	27.5	28.8	28.0	22.4	20.5
6	15.4	22.1	23.2	23.8	28.0	25.7	26.6	26.3	28.5	28.1	21.2	18.9
7	15.1	22.3	22.8	29.0	30.3	26.6	25.8	27.2	27.7	27.1	20.1	20.6
8	15.9	20.9	23.7	31.8	30.4	28.1	26.2	27.4	29.4	25.7	21.5	17.1
9	17.5	19.1	24.8	28.8	29.3	28.8	29.3	27.7	28.6	23.5	23.2	18.4

10	18.7	20.4	25.0	28.6	26.1	30.3	28.1	27.8	27.6	23.5	24.0	19.5
11	17.7	21.8	24.9	30.4	28.0	30.8	26.9	26.3	27.3	23.3	23.6	20.4
12	16.4	22.1	24.1	23.8	29.8	29.6	26.7	28.0	27.7	23.2	19.1	21.4
13	17.6	20.5	24.0	24.0	30.9	30.7	26.8	29.6	25.4	23.7	16.8	20.0
14	18.9	18.1	23.8	25.3	31.0	29.7	27.7	30.2	25.7	21.2	18.2	19.0
15	20.3	16.5	22.9	27.0	31.2	30.6	28.8	30.5	28.2	22.4	21.6	20.4
16	21.2	19.0	19.1	27.2	30.7	30.4	28.7	31.0	26.2	22.2	20.7	19.5
17	19.2	21.2	18.8	26.0	31.6	31.1	28.0	30.5	26.2	22.2	20.3	18.1
18	16.8	22.6	19.0	22.0	32.0	31.6	30.1	30.2	24.6	22.6	20.8	17.0
19	17.1	23.4	19.8	22.4	32.2	31.6	31.2	28.6	24.5	23.1	21.1	17.4
20	18.3	20.8	22.6	24.1	32.4	31.7	32.2	29.7	23.9	24.8	20.0	18.8
21	19.6	20.7	23.5	25.4	31.4	32.8	32.2	28.7	24.5	24.8	20.8	20.0
22	19.6	22.4	24.2	26.6	29.1	32.4	31.3	26.0	25.9	23.2	18.9	19.2
23	21.6	22.7	23.5	27.6	27.9	33.0	31.0	28.7	26.2	24.2	20.2	16.3
24	19.5	22.7	22.8	26.9	28.7	32.2	29.7	25.8	24.4	24.8	18.9	19.0
25	20.0	24.4	22.2	26.0	28.4	32.0	30.2	26.9	25.0	23.6	18.6	17.8
26	20.4	25.5	21.4	26.0	30.1	32.4	30.5	28.2	25.5	22.3	18.0	16.6
27	20.6	28.7	20.5	26.6	30.8	32.5	30.4	28.4	25.3	22.4	17.1	14.6
28	20.1	26.8	22.0	26.9	30.4	31.2	30.9	27.2	25.4	22.1	17.6	15.2
29	18.9	-99.0	23.6	29.0	25.9	30.8	29.8	26.8	25.7	21.4	18.4	16.6
30	15.5	-99.0	24.6	30.4	29.7	30.3	29.6	28.2	26.2	21.6	18.5	16.8
31	17.1	-99.0	25.3	-99.0	30.8	-99.0	29.8	26.9	-99.0	22.1	-99.0	14.0

1974

1	13.0	16.4	16.0	21.8	29.8	27.8	31.0	28.8	28.8	28.9	22.4	21.0
2	13.3	14.7	16.6	16.6	28.2	29.2	31.1	28.6	29.7	28.6	23.0	22.2
3	14.0	14.3	17.0	17.1	26.0	29.7	31.4	28.3	30.1	28.5	22.8	22.7
4	13.7	18.4	19.0	19.3	28.8	30.4	30.7	28.1	30.0	28.1	23.6	23.3
5	14.9	18.2	20.5	22.1	29.2	28.2	31.2	27.5	30.1	26.2	25.4	23.0
6	16.4	16.4	22.1	23.7	31.0	26.1	30.8	27.2	28.0	26.3	25.6	23.2
7	17.5	12.2	21.6	23.9	30.6	25.9	30.6	27.7	27.6	25.8	24.3	18.8
8	15.9	10.6	22.4	24.0	30.3	28.5	30.0	28.2	28.0	25.4	24.8	20.8
9	17.4	11.9	21.5	23.9	28.9	29.3	30.8	30.6	28.5	24.8	25.8	21.6
10	18.4	13.2	20.6	22.4	24.5	28.8	30.6	32.6	27.6	24.8	25.0	21.3
11	19.1	13.9	17.2	22.2	25.0	27.5	32.4	29.2	28.0	24.2	22.8	21.2
12	19.0	14.3	16.8	21.7	26.0	27.6	32.5	29.1	28.7	24.8	23.6	20.7
13	18.3	13.8	16.9	22.8	26.1	27.3	31.5	29.0	27.8	24.4	22.9	19.0
14	19.4	16.5	17.2	21.4	26.3	26.0	30.6	25.0	27.7	20.3	22.4	17.9
15	18.9	17.0	17.1	22.3	25.6	28.6	30.8	26.0	27.0	22.4	21.0	14.8
16	19.7	18.6	17.2	22.8	26.1	29.5	31.7	25.9	25.3	24.3	19.8	17.4
17	20.7	19.3	16.1	23.4	26.8	30.7	31.9	28.0	25.6	25.3	19.6	19.0
18	20.0	21.2	16.2	24.4	27.9	31.3	31.2	27.0	25.8	24.6	15.8	19.9
19	20.8	21.8	16.2	25.9	28.2	31.6	28.8	25.4	26.2	23.3	16.5	17.6
20	20.0	22.1	16.4	29.4	27.8	29.7	28.4	27.1	26.4	21.6	17.9	15.6
21	20.3	21.3	17.2	24.8	27.6	29.8	28.4	29.6	26.4	21.4	19.1	13.2
22	19.5	23.3	17.2	22.1	27.0	29.5	27.8	30.8	24.8	21.1	20.5	14.8
23	20.4	24.6	18.9	21.6	27.4	29.6	28.8	30.1	24.8	21.4	21.7	16.3
24	21.3	21.5	21.7	23.3	27.2	30.1	30.3	29.6	24.5	22.7	21.2	17.8
25	21.8	14.0	22.2	23.0	27.0	30.8	30.3	27.7	25.2	22.7	19.8	17.0
26	16.8	12.9	21.0	23.9	27.0	30.8	30.5	26.2	26.2	24.6	22.0	16.7
27	16.4	13.8	15.1	26.6	27.0	30.2	30.6	24.8	26.6	25.1	19.6	17.1
28	19.2	14.6	16.0	27.0	28.3	29.6	28.8	26.8	27.5	23.9	19.4	18.2
29	20.5	-99.0	18.0	23.4	31.2	30.4	28.8	26.3	28.4	23.1	19.3	19.2
30	20.6	-99.0	21.3	26.6	29.1	30.7	28.9	27.4	28.8	23.4	20.3	20.4
31	21.0	-99.0	22.2	-99.0	24.8	-99.0	28.9	28.1	-99.0	23.5	-99.0	20.4

1975

1	20.2	20.8	20.8	19.5	27.7	26.0	31.2	30.6	28.1	25.7	19.5	19.6
2	20.3	22.2	21.6	18.7	28.1	26.9	31.4	29.2	27.4	24.8	20.9	19.7
3	18.5	22.6	22.8	18.1	27.4	29.1	32.1	28.2	25.8	25.8	20.4	21.8
4	17.1	22.2	25.8	20.5	28.0	30.1	31.2	28.2	25.3	25.9	22.6	23.1
5	15.5	22.0	23.1	22.1	27.5	30.5	30.6	30.4	26.2	26.5	21.8	23.8
6	14.7	22.1	23.2	24.0	26.8	30.4	30.2	30.5	26.4	27.8	21.2	22.8
7	16.3	22.0	23.1	29.5	27.5	30.3	30.5	30.5	26.1	26.7	19.6	22.6
8	17.9	20.7	21.8	26.4	30.0	31.1	29.3	31.6	25.9	25.2	21.4	23.0
9	18.8	17.2	22.3	25.6	29.7	31.3	29.6	28.3	25.9	24.8	23.5	22.0
10	18.0	16.6	23.1	29.0	30.0	30.1	29.2	25.8	25.8	25.7	24.2	17.6
11	16.0	16.2	22.8	28.7	28.1	30.6	28.0	25.1	26.2	25.4	23.6	15.0
12	14.8	17.1	23.4	25.2	27.8	30.2	28.2	27.4	26.8	25.9	24.1	10.5
13	15.3	18.3	25.4	24.5	28.8	28.8	28.1	27.6	26.7	26.2	21.6	10.3
14	17.4	20.0	22.0	25.4	26.7	27.5	28.0	27.2	27.2	25.6	18.6	8.2
15	19.0	20.7	17.8	25.9	29.3	28.2	28.2	29.4	26.6	22.9	17.1	9.7
16	18.4	17.8	17.1	25.9	30.9	28.1	28.0	29.5	26.6	21.4	18.6	11.8
17	17.1	17.2	17.4	25.5	31.4	24.2	27.8	28.5	27.5	18.9	20.5	14.1
18	16.9	16.9	19.0	24.8	31.3	25.0	28.8	29.7	27.1	18.6	23.1	14.0
19	15.6	16.3	20.1	25.0	31.5	26.2	27.9	28.4	27.0	23.8	22.7	14.5
20	16.3	15.4	19.9	25.8	31.0	29.4	26.9	29.4	25.3	23.7	22.6	16.0
21	17.6	16.7	20.8	26.4	31.5	29.0	27.8	28.4	28.0	23.3	23.1	16.9
22	15.4	16.9	22.2	25.8	28.6	30.5	29.3	28.9	25.8	22.1	21.5	13.4

23	16.8	17.2	21.8	26.2	26.8	30.8	30.3	29.0	27.0	23.5	19.1	13.5
24	18.2	19.0	21.3	26.8	28.7	30.7	31.0	29.0	-99.0	23.2	16.8	14.0
25	19.4	21.0	22.7	27.9	29.5	29.1	30.8	25.3	27.5	22.8	15.8	14.3
26	18.8	22.5	23.7	29.4	28.9	27.1	30.9	26.5	27.3	23.6	15.8	15.2
27	18.8	21.0	24.9	30.5	28.0	29.6	30.0	26.2	27.4	24.0	15.8	17.4
28	18.7	20.6	25.1	32.2	29.6	30.6	30.1	25.3	27.2	24.7	17.8	16.4
29	17.2	-99.0	24.4	27.3	29.0	30.6	31.2	24.0	27.0	24.2	18.2	14.6
30	18.7	-99.0	22.1	27.5	26.0	30.6	31.8	24.5	26.8	20.3	20.9	12.5
31	19.8	-99.0	20.7	-99.0	24.8	-99.0	32.6	26.4	-99.0	19.6	-99.0	13.2
1976												
1	15.4	14.6	15.3	18.4	26.1	28.3	29.4	27.0	28.5	24.7	24.4	18.7
2	17.1	15.5	13.3	19.9	27.8	22.8	27.9	28.2	27.8	23.6	24.8	19.0
3	17.0	18.0	12.4	20.3	29.4	22.4	28.3	29.6	26.9	23.0	24.8	19.5
4	18.2	17.4	13.3	18.8	28.5	26.0	29.4	29.7	27.5	23.4	24.8	20.5
5	18.5	18.0	15.6	19.4	20.4	28.0	30.1	27.6	27.2	24.8	24.5	21.0
6	16.9	16.7	17.1	19.9	20.0	29.6	30.5	29.0	26.9	24.0	22.3	19.9
7	16.9	18.5	19.0	20.3	21.0	30.0	31.0	30.2	29.2	25.2	22.7	20.8
8	17.4	19.2	19.8	23.0	23.0	30.7	31.3	29.7	30.2	25.7	22.0	20.6
9	17.0	17.1	21.1	23.0	25.3	30.8	31.3	29.9	30.4	25.7	23.0	15.2
10	16.0	17.9	21.0	22.1	26.9	25.5	32.6	30.3	30.4	25.0	23.6	14.0
11	15.0	18.9	21.2	22.3	24.4	24.8	32.1	30.2	27.5	25.9	23.7	16.1
12	13.9	20.3	21.3	24.0	23.6	27.4	31.4	28.2	26.0	25.1	21.4	17.5
13	13.7	20.3	21.1	22.1	24.0	30.4	29.8	28.8	25.2	24.1	21.0	17.9
14	13.4	20.8	20.7	20.6	25.8	31.0	27.8	29.8	26.3	22.8	17.8	16.9
15	14.4	21.1	22.0	22.4	27.4	31.5	27.2	29.6	26.6	22.5	15.5	18.3
16	15.2	21.6	22.6	28.4	28.1	32.1	28.2	27.6	27.6	22.8	16.3	19.2
17	16.5	21.1	25.8	32.0	27.6	32.6	28.3	25.7	27.8	24.0	14.8	20.6
18	16.6	21.0	25.2	30.8	27.4	31.4	29.0	26.5	27.7	24.8	14.5	20.6
19	18.0	20.6	20.7	26.7	27.6	31.3	29.9	27.0	28.3	25.8	16.7	21.2
20	16.8	18.9	16.5	24.8	27.4	29.5	29.1	27.5	29.0	25.0	15.9	20.8
21	18.2	18.7	17.0	24.6	27.2	29.0	28.0	27.5	27.5	25.4	14.2	21.8
22	18.7	19.8	17.7	25.8	27.0	29.3	27.9	26.6	25.1	28.8	15.0	21.8
23	16.5	17.3	17.8	23.6	27.6	29.2	28.7	26.5	22.6	29.3	17.1	22.0
24	15.6	18.0	17.6	18.8	28.4	29.1	30.8	28.6	23.3	27.1	16.0	21.1
25	16.1	16.3	19.0	20.2	31.1	29.2	31.4	29.8	23.2	23.4	15.7	21.3
26	17.1	17.6	19.4	23.2	30.2	28.8	30.7	29.8	25.3	21.5	15.5	20.2
27	18.6	23.9	20.8	24.8	31.0	28.7	29.8	27.1	25.6	23.9	16.5	17.4
28	18.0	26.0	23.0	26.2	30.3	31.8	29.5	26.3	26.0	25.8	16.1	14.9
29	18.1	-99.0	24.0	27.7	30.0	31.9	27.5	25.2	25.7	24.0	15.6	12.0
30	16.4	-99.0	22.9	27.3	30.3	30.8	27.7	26.3	27.6	24.4	17.4	12.6
31	14.5	-99.0	19.5	-99.0	30.4	-99.0	28.2	28.9	-99.0	23.8	-99.0	14.1
1977												
1	13.7	12.9	22.0	18.4	25.6	30.0	31.2	31.7	27.1	24.7	23.8	15.5
2	14.9	12.3	20.8	19.0	25.6	30.3	32.1	31.6	27.6	23.6	23.9	15.8
3	13.5	11.0	18.1	19.7	26.0	29.6	31.6	31.6	26.3	23.0	24.2	16.9
4	12.3	11.6	16.7	21.3	26.2	31.4	29.4	31.2	26.6	23.4	21.2	18.0
5	11.9	13.1	13.9	22.3	25.5	30.8	27.8	29.8	26.9	24.8	22.6	17.8
6	14.2	14.0	15.2	22.2	25.6	30.4	29.2	28.5	27.3	24.0	23.4	17.4
7	15.3	-99.0	15.8	23.2	26.0	31.6	30.6	27.4	26.3	25.2	23.9	20.4
8	15.8	13.8	16.8	23.6	26.4	32.2	31.4	28.9	26.2	25.7	23.0	19.2
9	15.4	12.8	18.3	22.9	25.4	33.1	32.2	30.8	26.9	25.7	24.4	18.7
10	13.6	13.6	20.1	21.4	25.7	32.2	32.4	32.2	27.5	25.0	23.2	19.6
11	14.7	13.2	20.8	21.0	26.9	29.7	33.0	31.8	27.7	25.9	22.8	19.6
12	16.4	14.8	21.2	22.4	26.2	27.9	32.8	31.3	27.2	25.1	20.2	20.7
13	14.8	17.0	20.0	24.2	26.9	29.5	31.8	32.3	26.4	24.1	18.3	20.0
14	13.6	18.1	20.5	26.8	28.6	31.4	29.4	33.0	26.2	22.8	22.1	19.2
15	13.2	14.8	22.3	27.1	28.8	33.2	28.9	33.5	25.8	22.5	19.2	19.7
16	15.6	13.3	22.4	25.0	30.7	33.4	27.2	26.7	26.7	22.8	17.8	20.7
17	18.0	12.4	22.2	24.8	31.7	32.7	27.8	25.7	27.0	24.0	17.8	21.5
18	17.8	13.6	21.7	21.8	31.2	32.8	28.5	25.0	27.3	24.8	18.2	21.4
19	17.5	14.7	21.6	19.2	31.0	33.2	28.6	26.2	26.6	25.8	19.5	21.6
20	17.0	16.2	21.8	20.8	31.3	32.7	28.6	26.3	27.2	25.0	19.9	21.3
21	17.2	14.2	22.4	22.1	30.4	32.8	25.8	27.4	26.5	25.4	18.5	21.5
22	17.0	12.8	21.1	24.2	28.5	31.0	29.0	28.2	25.3	28.8	20.2	21.6
23	15.2	13.6	21.6	24.4	26.2	31.2	29.0	28.5	23.9	29.3	20.6	22.0
24	14.8	15.8	16.1	24.8	27.6	33.3	30.6	28.3	25.9	27.1	21.3	23.4
25	17.8	17.2	15.8	25.0	29.4	32.8	30.9	27.2	26.3	23.4	21.7	21.4
26	18.6	18.8	18.3	25.9	28.0	32.8	31.5	27.5	24.2	21.5	22.8	18.0
27	19.8	19.4	20.6	28.8	28.8	34.1	31.7	29.2	24.1	23.9	20.6	17.5
28	20.6	21.2	22.4	27.3	29.8	33.0	31.0	30.2	24.5	25.8	19.9	20.4
29	21.0	-99.0	22.7	26.1	31.8	31.8	30.0	26.9	25.3	24.0	17.6	21.7
30	15.4	-99.0	21.1	25.8	31.8	31.9	30.0	27.0	25.4	24.4	16.0	23.7
31	13.3	-99.0	19.4	-99.0	32.5	-99.0	31.2	27.0	-99.0	23.8	-99.0	24.6
1978												
1	23.0	15.7	19.2	18.4	26.4	29.7	27.1	31.2	26.1	26.8	19.4	17.7
2	16.8	14.2	22.4	19.0	26.2	27.6	28.0	31.7	25.5	27.8	19.8	18.8
3	13.6	16.3	22.2	19.7	25.9	27.0	28.3	29.8	26.2	28.6	21.7	19.0



4	13.0	18.6	22.1	21.3	27.2	26.5	27.8	30.6	28.3	27.6	20.4	20.1
5	11.0	20.1	21.1	22.3	25.6	27.4	27.6	31.6	29.1	26.2	20.5	20.6
6	13.6	20.8	21.5	22.2	24.9	28.6	27.4	30.8	29.6	24.7	22.2	18.9
7	16.0	21.4	22.2	23.2	26.1	30.0	28.0	29.5	27.3	25.1	21.0	20.0
8	18.4	21.8	21.7	23.6	26.5	30.0	29.1	29.4	27.3	25.7	22.0	20.9
9	19.5	22.2	22.0	22.9	26.8	30.1	27.7	28.7	28.0	25.4	22.8	21.6
10	18.3	22.5	20.0	21.4	25.9	28.6	27.1	25.1	25.6	22.8	21.6	22.4
11	15.0	22.6	20.4	21.0	21.1	28.4	27.9	25.0	24.2	24.5	21.0	19.2
12	18.0	22.1	21.0	22.4	21.3	30.0	29.3	25.9	25.8	22.7	21.4	17.3
13	19.1	18.3	19.8	24.2	24.4	31.6	29.9	26.7	25.3	23.8	20.1	19.0
14	20.8	17.4	18.0	26.8	25.2	31.7	28.8	28.1	25.0	22.5	20.9	20.2
15	21.9	15.6	17.5	27.1	26.5	29.6	29.8	27.7	24.7	22.6	21.2	19.6
16	20.6	13.8	18.1	25.0	28.0	28.9	30.1	26.8	26.0	24.0	21.9	16.2
17	17.2	13.0	19.5	24.8	27.9	27.7	31.6	27.1	25.3	22.8	23.4	18.2
18	13.3	12.8	21.2	21.8	29.2	25.9	30.2	26.6	26.1	22.8	23.5	18.6
19	11.2	13.6	22.4	19.2	27.5	28.3	29.7	29.1	26.3	23.0	22.1	18.9
20	12.6	14.7	23.8	20.8	29.0	28.4	28.9	30.6	26.4	23.9	21.4	20.6
21	13.1	15.5	25.3	22.1	30.8	28.4	28.4	28.1	26.5	24.1	21.4	21.0
22	14.1	14.9	21.5	24.2	31.2	29.6	29.4	27.3	25.8	23.9	22.1	21.5
23	16.5	15.2	18.0	24.4	29.8	29.7	29.0	28.0	24.9	23.2	22.9	20.4
24	17.8	16.2	16.9	24.8	29.5	30.8	29.0	27.5	25.2	23.2	22.6	19.3
25	18.8	16.3	17.4	25.0	29.7	31.6	30.0	27.3	24.8	24.4	22.6	19.4
26	20.1	16.4	19.3	25.9	31.0	29.1	29.1	29.0	24.0	25.0	21.8	20.4
27	21.1	18.0	21.1	28.8	29.9	27.4	30.5	30.6	25.4	25.0	21.0	21.8
28	21.0	17.9	21.4	27.3	30.4	29.2	30.0	28.6	24.4	21.6	18.4	21.5
29	20.5	-99.0	23.2	26.1	29.5	29.8	29.8	29.1	24.6	20.2	16.4	20.2
30	18.2	-99.0	26.9	25.8	30.8	29.3	29.4	27.2	24.9	20.4	16.3	21.2
31	17.3	-99.0	27.7	-99.0	31.0	-99.0	31.3	27.5	-99.0	18.2	-99.0	20.2
1979												
1	20.5	12.1	17.6	30.8	27.8	30.1	30.3	27.8	27.6	23.9	22.4	19.6
2	23.2	14.8	17.9	28.0	24.6	29.3	30.8	29.3	26.1	24.3	22.2	16.3
3	20.8	16.7	19.2	19.7	23.8	28.8	28.8	30.0	28.0	23.0	22.4	18.0
4	20.0	16.8	20.3	17.5	25.3	29.2	30.4	29.1	29.4	25.1	23.9	19.4
5	21.0	17.3	21.8	18.7	28.5	29.6	31.0	25.6	30.2	22.3	24.0	21.5
6	22.1	16.2	23.1	21.8	30.4	29.4	30.5	26.8	30.0	22.8	24.2	21.0
7	18.6	17.3	22.9	22.4	29.0	29.3	30.5	26.0	28.3	22.6	21.8	19.6
8	17.2	19.3	23.6	22.5	27.2	27.9	31.0	25.8	27.4	22.7	22.9	21.6
9	18.9	21.8	28.6	22.0	26.3	29.2	30.8	26.7	27.5	23.3	23.0	19.8
10	21.0	21.5	26.8	21.5	28.0	30.3	30.0	24.9	28.1	22.5	22.9	19.8
11	21.6	22.1	27.0	22.0	28.6	26.4	30.1	26.8	27.0	23.6	22.6	19.7
12	22.3	21.6	28.3	24.3	30.3	26.0	30.3	29.7	27.7	23.7	24.2	20.3
13	21.8	22.4	24.9	24.0	32.2	24.9	31.3	30.9	27.8	24.6	22.4	20.4
14	21.4	23.0	20.9	21.6	31.9	26.4	32.0	30.7	27.3	25.3	17.6	18.4
15	19.3	21.6	19.5	23.1	28.9	28.2	32.6	30.9	27.1	25.0	19.4	18.3
16	16.9	20.8	21.1	24.4	23.7	28.9	31.8	29.1	26.6	23.7	20.8	18.3
17	19.1	21.0	19.8	25.5	23.5	28.8	31.7	29.7	26.9	23.2	22.0	19.0
18	20.5	21.8	19.4	25.7	21.9	27.8	31.4	28.6	26.2	23.6	20.1	19.0
19	18.6	21.2	20.9	25.4	21.6	28.0	32.0	29.2	25.2	22.7	16.9	19.6
20	18.8	23.9	19.4	24.0	22.1	27.6	32.1	30.2	25.2	23.3	18.4	20.4
21	19.1	29.7	19.0	23.7	24.0	27.7	31.1	30.7	24.8	25.2	19.8	20.9
22	18.4	29.3	20.3	25.0	25.8	26.3	30.0	31.4	25.7	25.3	18.6	21.7
23	19.2	28.0	20.8	25.7	26.7	27.8	28.2	30.9	27.4	22.4	15.4	20.6
24	19.1	28.1	19.6	27.2	26.2	28.1	28.0	28.8	25.8	23.2	16.0	19.2
25	17.6	27.5	19.5	27.1	28.4	28.2	30.9	28.4	24.4	24.7	17.5	19.6
26	17.7	20.7	19.9	26.7	31.1	28.5	30.6	28.5	23.6	23.6	18.5	17.5
27	19.5	18.6	21.0	26.8	32.2	29.9	29.2	29.9	24.4	22.6	17.5	17.6
28	21.2	18.8	23.7	27.2	32.0	30.3	28.4	29.2	25.7	21.8	17.5	17.6
29	21.2	-99.0	28.0	26.6	31.0	30.2	30.1	28.6	26.0	23.7	17.1	18.8
30	21.8	-99.0	28.9	26.6	28.2	30.6	32.1	27.3	25.1	22.8	18.3	19.4
31	15.3	-99.0	30.0	-99.0	27.6	-99.0	30.7	27.5	-99.0	23.1	-99.0	21.2
1980												
1	21.5	13.0	21.7	20.3	27.9	28.6	29.2	29.8	26.5	25.3	22.4	22.0
2	20.8	14.8	21.9	18.1	28.4	25.7	29.8	30.2	26.0	24.8	22.2	22.1
3	20.8	16.3	24.0	21.3	29.1	26.4	31.9	30.3	25.8	25.3	22.4	21.8
4	20.4	17.8	26.5	23.7	28.3	26.8	31.0	32.0	27.1	25.8	23.9	22.3
5	20.0	15.3	24.0	24.6	26.9	27.9	31.4	32.3	27.2	25.8	24.0	22.7
6	18.7	14.2	24.0	24.8	26.4	28.2	30.9	31.4	27.3	24.8	24.2	23.8
7	17.2	14.6	27.4	25.8	29.6	28.9	31.3	31.3	26.8	25.3	21.8	23.8
8	16.3	13.4	29.4	25.8	27.8	29.1	30.8	31.5	27.2	25.7	22.9	21.5
9	16.4	10.2	23.0	24.8	23.8	28.8	30.3	29.2	27.2	25.6	23.0	20.9
10	17.6	11.3	21.0	22.9	25.2	27.4	31.8	30.8	26.4	25.7	22.9	17.8
11	20.0	11.8	22.1	24.0	27.7	27.0	31.8	31.8	25.7	26.1	22.6	20.5
12	20.7	13.0	21.9	26.0	30.4	28.0	32.1	31.6	28.9	25.8	24.2	19.2
13	20.9	13.5	23.2	29.3	31.1	29.7	31.7	30.6	26.9	25.9	22.4	17.2
14	19.0	14.4	23.0	21.1	30.7	29.5	30.3	30.9	27.1	26.4	17.6	18.1
15	15.3	14.7	21.8	20.3	29.4	29.2	30.8	30.0	26.2	25.5	19.4	18.4
16	16.4	16.0	19.8	20.4	27.5	29.2	30.6	29.2	26.1	25.4	20.8	18.5

17	17.3	17.1	21.1	21.1	25.4	28.8	30.0	29.3	24.1	26.3	22.0	19.2
18	16.7	17.7	22.3	21.9	26.4	27.9	29.0	28.6	24.2	25.4	20.1	20.3
19	17.8	18.6	24.4	25.0	26.5	27.7	28.6	27.4	26.2	25.8	16.9	17.7
20	18.5	20.2	24.4	26.2	25.9	28.0	29.2	29.3	26.4	25.0	18.4	14.2
21	18.9	21.6	24.3	29.2	25.4	27.0	28.5	29.1	26.5	24.0	19.8	13.7
22	16.8	20.7	23.0	31.4	26.9	27.8	27.9	28.0	26.0	25.0	18.6	14.7
23	18.0	20.1	24.2	33.0	28.0	26.2	28.4	28.7	26.0	25.8	15.4	15.2
24	19.2	21.4	24.3	31.6	29.1	26.8	29.0	29.4	25.2	25.7	16.0	16.0
25	19.6	22.0	23.6	27.9	30.6	28.0	26.7	29.6	26.3	24.3	17.5	19.4
26	19.6	23.6	21.6	24.4	26.4	28.2	26.9	29.0	24.2	23.6	18.5	20.2
27	20.4	20.2	18.5	25.8	23.7	27.1	29.0	28.6	24.8	22.0	17.5	19.6
28	22.2	19.0	20.8	28.0	25.9	29.1	30.1	28.6	25.3	18.7	17.5	17.6
29	24.9	20.7	22.4	29.2	30.9	29.6	29.7	28.6	24.2	18.2	17.1	15.5
30	18.2	-99.0	25.0	28.4	31.4	29.5	29.9	25.6	25.0	19.4	18.3	16.2
31	14.4	-99.0	25.3	-99.0	32.0	-99.0	30.6	25.6	-99.0	21.8	-99.0	17.0

1981

1	17.6	20.8	20.1	25.6	27.4	30.1	29.2	30.4	30.0	30.3	23.8	18.5
2	16.2	20.2	20.1	25.1	27.8	29.0	30.6	30.1	29.5	28.6	24.6	15.1
3	15.6	20.2	21.4	25.8	26.0	28.6	27.3	29.8	30.3	25.7	24.7	13.2
4	16.7	19.5	21.8	27.2	19.9	30.3	24.8	27.6	30.6	26.3	24.7	16.7
5	19.1	19.0	18.7	28.1	21.0	29.5	26.8	27.4	29.2	26.7	25.7	18.4
6	20.0	20.3	18.8	28.0	22.6	27.7	28.0	29.0	28.5	27.0	24.4	18.5
7	20.8	17.8	18.1	26.8	24.6	26.8	28.0	30.0	28.8	27.6	22.5	18.8
8	20.8	18.2	19.9	27.3	26.6	26.8	29.3	30.7	28.1	27.7	17.0	15.4
9	20.2	20.1	19.5	26.2	29.2	27.3	29.6	29.6	28.4	22.9	14.8	16.8
10	18.3	20.6	19.1	26.0	30.7	27.7	29.5	26.8	27.2	18.4	13.2	15.8
11	15.4	20.0	20.4	26.8	31.6	27.9	30.2	29.1	27.6	18.7	16.0	17.4
12	14.6	21.5	22.0	26.8	30.6	26.6	30.3	29.6	28.2	20.5	18.9	18.7
13	16.0	22.3	23.5	25.0	30.3	24.7	29.9	30.2	27.6	25.0	19.2	19.1
14	16.5	23.4	24.0	25.0	30.9	26.1	28.9	30.2	27.2	26.0	20.0	19.6
15	15.8	25.4	23.2	25.8	28.6	27.9	27.9	28.1	25.2	26.0	20.3	17.8
16	17.0	21.6	23.1	26.1	24.9	27.7	27.7	28.0	24.3	25.4	22.5	15.0
17	16.6	21.2	25.6	26.2	25.1	27.9	28.7	29.0	24.4	26.4	22.4	15.2
18	17.0	22.3	27.8	27.3	26.0	27.9	27.7	28.4	24.8	27.0	19.6	14.8
19	18.9	22.1	25.2	28.0	25.2	27.7	27.8	26.6	26.0	27.3	20.5	11.9
20	19.3	20.8	23.6	25.9	27.9	28.4	26.4	27.8	25.4	26.7	22.7	12.6
21	19.0	19.2	24.3	25.0	21.9	30.0	27.8	29.6	26.7	27.4	22.8	13.6
22	19.2	21.8	26.8	26.0	22.2	30.7	29.1	30.1	26.4	27.4	22.7	15.7
23	20.9	23.2	28.4	26.5	24.1	30.1	29.6	31.3	26.4	22.6	23.7	16.0
24	20.3	24.1	27.0	27.6	26.4	29.0	29.8	31.3	27.4	17.2	24.5	15.2
25	19.8	21.8	25.2	27.0	27.2	29.9	29.8	31.7	26.3	18.8	23.4	16.8
26	19.4	17.1	25.0	26.0	28.5	30.6	30.5	30.1	25.4	19.7	23.2	17.6
27	20.6	16.6	24.8	26.3	30.4	30.4	29.6	28.6	26.3	21.0	22.6	18.0
28	18.6	18.0	24.1	27.5	30.9	30.4	30.1	30.1	24.8	22.6	20.4	18.5
29	18.6	-99.0	24.8	26.9	31.2	30.4	29.4	29.4	26.6	19.9	17.4	19.2
30	20.8	-99.0	24.6	26.6	31.6	30.0	30.2	29.6	28.4	21.8	18.8	20.6
31	21.4	-99.0	25.1	-99.0	30.0	-99.0	30.2	30.6	-99.0	23.3	-99.0	21.3

1982

1	19.3	19.4	17.4	23.8	27.4	32.5	31.0	30.2	28.9	26.6	26.1	18.2
2	20.2	19.8	18.0	25.1	25.4	31.9	30.6	31.4	28.4	26.4	25.1	20.8
3	20.9	20.2	19.0	23.8	25.8	31.0	30.9	32.9	26.5	26.2	23.1	22.2
4	20.8	20.8	20.2	18.0	26.7	26.9	30.1	30.8	25.6	26.6	23.6	22.0
5	19.3	21.2	22.1	18.8	28.2	28.3	30.4	30.8	26.0	25.9	24.0	23.2
6	18.6	22.0	26.3	18.9	29.3	28.9	30.3	30.0	25.3	25.8	24.0	20.5
7	16.9	20.2	24.0	19.2	24.1	25.1	30.1	29.8	27.6	26.6	23.3	15.7
8	16.1	17.0	20.9	19.5	25.7	26.0	30.8	30.4	27.4	26.3	24.6	17.4
9	15.5	16.6	17.9	18.9	30.6	26.8	30.5	28.8	26.7	24.5	23.2	19.9
10	15.9	15.1	18.5	18.8	31.4	28.2	30.9	29.0	26.9	24.4	20.9	21.2
11	17.7	13.0	19.8	20.1	32.6	28.3	30.4	27.6	27.0	24.3	19.7	20.3
12	19.3	13.4	20.4	21.9	32.4	28.3	31.3	28.6	27.3	23.8	21.8	15.3
13	18.6	15.1	22.1	22.9	28.9	30.6	31.9	29.9	27.8	24.4	23.7	14.6
14	19.3	14.4	23.0	22.0	21.6	30.9	28.8	28.4	25.5	25.7	25.6	14.1
15	19.6	13.7	22.7	20.6	22.4	31.3	27.8	29.4	26.2	25.6	25.0	16.3
16	19.8	12.2	22.8	21.9	23.7	31.7	27.8	30.6	26.9	25.4	24.1	17.4
17	15.4	14.6	22.8	23.4	25.6	32.2	28.2	30.9	27.0	23.8	23.8	13.2
18	13.0	18.6	22.7	23.1	26.5	32.2	30.4	30.2	27.4	22.9	22.8	14.6
19	16.1	19.7	22.2	23.7	26.6	32.4	28.7	27.4	27.9	24.2	24.2	15.1
20	17.2	19.8	22.8	24.9	26.9	31.8	29.0	28.2	28.2	24.6	22.6	14.1
21	19.2	20.5	23.3	25.1	26.9	31.8	28.8	29.4	27.5	24.2	23.9	14.7
22	19.4	21.4	22.7	26.0	26.8	32.6	30.4	29.1	28.0	25.0	25.0	14.8
23	19.4	21.8	24.0	25.4	27.1	30.1	30.9	29.0	28.4	25.4	24.1	16.8
24	19.0	20.4	23.7	25.6	27.1	26.7	32.1	28.2	27.0	24.5	23.8	17.1
25	19.2	19.0	24.9	25.7	27.4	27.8	31.8	28.7	25.9	23.6	22.0	18.5
26	19.8	18.8	23.6	26.3	27.6	26.6	31.1	28.7	27.0	24.3	22.5	14.8
27	18.4	18.2	19.8	30.2	29.6	27.5	31.8	29.5	26.0	25.5	23.5	13.1
28	18.9	17.8	18.1	30.4	28.8	28.1	31.7	30.2	25.4	26.2	23.2	13.0
29	20.9	-99.0	18.6	27.6	29.2	27.8	31.3	30.6	25.7	25.6	19.0	14.1

30	20.8	-99.0	19.8	31.0	31.0	29.4	31.4	30.5	25.6	25.1	17.3	15.8
31	20.2	-99.0	21.6	-99.0	31.3	-99.0	29.1	29.0	-99.0	24.9	-99.0	17.8
1983												
1	17.8	25.3	19.1	17.4	22.6	32.3	32.0	29.0	26.8	27.4	20.3	17.8
2	19.8	22.0	19.2	17.9	23.0	32.1	32.7	27.1	27.8	25.6	22.4	17.2
3	18.2	18.6	19.6	18.5	24.3	32.5	32.9	28.3	26.9	24.2	23.3	18.1
4	17.9	17.0	17.6	19.2	25.9	33.0	33.0	28.0	26.8	27.0	23.0	17.4
5	17.0	16.8	15.0	19.6	25.0	34.4	32.8	27.2	27.2	28.6	22.6	17.6
6	16.6	17.3	14.4	21.1	25.0	25.6	32.3	26.8	28.6	27.6	22.3	19.2
7	18.0	17.4	14.8	22.2	26.2	23.8	32.4	26.3	28.7	27.0	23.7	17.8
8	17.8	17.6	15.4	23.6	26.7	25.3	32.0	26.8	28.1	25.9	24.4	19.0
9	16.8	19.3	16.6	29.0	27.8	26.8	31.5	26.8	29.3	25.7	24.1	16.5
10	16.2	19.7	17.1	28.0	29.4	27.8	30.7	27.2	30.6	24.8	23.5	18.8
11	15.3	19.4	19.5	28.4	30.6	29.6	29.8	28.0	29.4	26.2	23.8	19.8
12	14.0	16.4	18.4	26.9	32.0	29.8	29.6	28.3	28.0	25.3	23.9	19.8
13	13.1	15.4	18.9	28.1	32.4	28.4	30.2	29.1	27.6	24.9	22.0	19.8
14	13.6	15.4	17.2	26.7	32.4	29.1	30.4	29.1	27.7	25.2	20.6	19.7
15	15.5	18.0	19.1	26.2	31.4	31.2	31.0	30.0	27.8	24.9	19.7	20.3
16	17.2	17.7	17.4	22.5	25.8	32.4	29.6	28.4	30.1	25.4	18.4	20.9
17	18.6	17.4	16.1	20.5	24.3	33.3	28.4	29.2	30.8	25.6	21.0	20.8
18	18.8	17.4	15.8	22.2	25.8	33.3	27.0	29.4	30.7	26.4	20.3	21.1
19	16.6	18.3	17.3	23.5	30.0	33.3	28.7	27.7	28.4	26.6	20.3	20.6
20	12.6	18.2	20.2	24.4	32.5	33.7	30.4	27.6	27.4	26.2	21.2	21.8
21	11.8	16.0	26.9	24.8	34.4	32.8	30.6	28.8	28.1	26.2	19.8	21.3
22	8.9	15.4	30.3	24.1	30.8	31.2	31.0	29.9	27.6	26.2	20.6	20.9
23	10.4	16.4	27.8	24.5	31.8	28.7	30.2	30.8	27.4	25.4	21.2	18.8
24	12.1	16.8	27.0	24.6	32.8	28.4	30.2	30.6	26.6	26.0	19.3	14.8
25	12.7	16.6	19.8	25.6	32.0	28.4	31.1	27.4	27.4	25.5	19.8	12.7
26	14.0	16.8	18.9	25.2	29.4	27.1	31.8	26.2	27.8	23.0	21.1	12.1
27	15.7	16.8	19.2	25.4	29.0	28.4	31.4	28.8	28.0	20.0	20.4	12.5
28	16.3	17.2	18.5	26.6	29.8	29.0	31.9	29.1	25.9	19.6	18.1	12.6
29	18.3	-99.0	18.2	26.1	30.0	29.6	31.1	28.0	25.9	22.2	16.2	9.9
30	20.5	-99.0	17.3	23.0	30.9	30.7	30.8	28.8	25.8	21.3	16.6	10.5
31	20.5	-99.0	16.8	-99.0	31.6	-99.0	30.0	26.5	-99.0	18.6	-99.0	11.5
1984												
1	11.4	12.6	12.8	23.4	25.8	30.8	31.1	27.7	29.0	26.2	21.4	18.7
2	13.9	14.3	13.8	24.7	27.2	28.2	31.2	29.8	26.4	26.1	20.7	17.7
3	14.7	15.0	14.4	28.5	28.8	27.2	30.5	30.5	26.4	27.0	21.8	19.6
4	13.6	15.3	16.0	31.6	27.8	30.5	30.7	28.4	25.8	27.0	22.5	20.0
5	13.2	16.2	16.8	32.4	24.0	30.9	30.0	27.5	25.8	26.0	23.6	19.0
6	13.5	13.8	17.4	23.8	22.7	30.1	30.3	28.3	27.0	24.4	23.6	17.0
7	14.6	13.0	17.7	23.7	21.6	29.3	29.8	27.8	27.2	22.8	23.4	19.5
8	14.7	12.3	16.4	24.2	22.3	28.6	28.2	26.9	27.9	25.0	24.9	20.9
9	13.7	14.2	16.3	24.5	23.4	27.8	30.2	26.7	27.7	25.0	25.8	22.2
10	13.8	15.0	15.8	24.4	25.3	27.0	28.4	27.5	27.9	26.2	26.4	21.6
11	15.1	15.9	17.0	23.9	27.2	27.4	28.2	27.1	28.0	27.2	25.6	21.4
12	15.4	16.3	19.1	24.7	27.8	29.6	28.4	28.7	26.7	26.2	25.4	21.3
13	18.0	17.1	20.5	24.1	28.8	30.8	29.1	27.7	26.0	25.8	24.8	21.8
14	17.7	16.7	22.5	25.0	29.0	31.4	28.8	25.4	26.2	22.6	23.4	21.7
15	18.4	15.8	23.5	25.3	29.5	32.3	29.5	25.3	25.8	23.4	23.9	22.8
16	19.4	17.6	21.2	25.6	29.5	30.8	30.2	26.4	25.6	24.2	24.5	22.6
17	19.4	18.1	21.2	26.6	28.2	31.0	30.1	27.6	27.2	24.2	24.2	23.1
18	20.6	15.6	23.0	28.1	29.9	31.1	33.0	27.8	26.8	20.4	23.9	22.9
19	19.4	15.2	26.2	27.3	29.9	30.6	32.9	26.8	26.1	20.1	23.1	21.0
20	17.0	17.2	22.3	27.6	27.2	28.8	32.5	28.2	26.1	22.6	23.3	17.6
21	15.0	19.4	17.4	29.0	28.7	28.6	32.2	29.8	26.8	23.3	22.6	17.9
22	11.7	20.1	17.0	22.9	27.0	30.0	31.8	30.0	26.0	21.8	22.6	13.4
23	13.0	20.4	17.3	22.4	26.6	30.6	31.4	31.2	26.4	21.8	23.2	12.4
24	14.2	19.8	18.3	23.2	27.6	31.4	32.5	30.9	26.8	22.3	20.9	10.9
25	14.2	19.0	19.8	24.1	26.0	30.8	32.9	29.7	27.1	22.1	22.1	11.9
26	12.5	16.5	21.5	26.0	25.5	27.9	33.0	29.0	27.1	22.1	22.7	13.8
27	13.0	15.0	22.9	28.8	26.1	29.9	32.0	29.4	27.1	21.6	19.6	14.2
28	14.0	14.3	20.1	25.2	26.8	29.9	30.1	27.7	25.8	21.7	21.5	13.7
29	15.4	13.2	19.7	23.2	29.2	30.2	27.4	27.6	24.6	22.1	19.2	11.0
30	15.3	-99.0	20.9	23.8	29.8	30.7	26.8	28.3	25.2	21.7	18.0	11.6
31	14.0	-99.0	21.6	-99.0	30.9	-99.0	25.2	27.9	-99.0	22.8	-99.0	15.1
1985												
1	16.4	15.5	20.4	16.3	23.6	29.1	30.8	29.3	29.2	23.6	21.6	16.4
2	18.1	15.4	22.2	17.4	24.8	29.7	30.4	29.1	26.4	21.8	21.0	17.2
3	19.7	17.1	22.0	17.5	27.6	31.0	30.4	30.0	26.2	23.4	22.5	19.4
4	18.9	18.9	17.8	18.9	30.6	30.9	30.5	30.4	27.0	23.8	22.5	20.8
5	16.7	22.2	15.8	19.8	30.8	30.9	30.6	31.1	28.4	23.8	23.8	21.6
6	17.1	21.3	18.1	21.8	29.3	31.2	30.0	30.6	29.5	23.2	23.6	21.4
7	18.2	20.8	20.0	21.8	27.6	32.2	28.1	31.0	30.3	23.4	23.9	22.0
8	17.2	21.0	21.9	21.6	26.8	33.4	29.6	28.7	29.7	24.0	23.8	22.2
9	15.7	20.0	21.4	23.3	26.2	33.2	29.3	28.1	27.2	24.3	23.0	22.5
10	14.0	19.0	17.2	29.3	26.6	32.1	27.6	28.4	25.4	25.3	20.2	23.6

11	14.3	17.9	16.0	24.4	26.7	31.0	28.2	29.8	25.6	25.4	21.9	20.3
12	15.6	18.0	13.5	24.5	26.6	31.0	28.1	29.2	25.8	26.6	22.8	15.8
13	15.4	18.0	14.5	22.8	28.2	28.0	28.8	30.4	24.3	26.8	23.1	16.4
14	14.1	18.2	14.7	19.2	28.0	26.8	29.3	30.2	26.6	26.1	23.3	16.8
15	14.6	20.3	14.7	19.1	27.9	26.6	29.0	28.9	25.6	26.0	23.3	14.8
16	15.6	21.3	14.6	20.2	27.2	27.0	29.3	30.3	26.7	26.0	20.9	17.9
17	16.8	23.0	15.4	21.0	26.2	26.4	28.3	31.2	26.9	26.0	19.6	16.1
18	16.0	20.8	15.8	21.4	26.4	26.5	28.7	30.8	26.2	26.0	20.3	18.5
19	17.0	20.2	16.3	21.9	26.0	26.4	29.6	30.9	26.4	25.9	20.9	17.8
20	17.4	18.3	16.4	22.4	26.2	25.2	30.8	31.8	25.6	24.9	22.4	16.6
21	18.1	17.1	15.6	23.7	26.4	25.7	30.4	30.3	25.2	20.5	24.4	15.5
22	18.2	15.9	15.8	23.5	26.8	28.8	29.8	30.4	26.4	20.2	24.4	14.8
23	19.3	15.0	16.6	24.4	26.6	29.8	28.4	28.6	26.1	20.0	24.6	16.2
24	20.0	15.2	19.0	25.8	26.8	29.7	29.5	29.4	24.7	22.2	21.8	16.7
25	17.2	16.6	19.6	26.5	27.4	30.7	30.7	28.1	23.2	24.2	17.4	17.0
26	15.0	17.7	21.7	24.1	29.7	31.8	31.4	28.9	23.0	24.4	20.0	17.0
27	15.8	17.3	24.0	19.6	30.8	30.4	30.3	29.0	25.1	25.3	21.6	19.2
28	17.1	17.8	26.0	20.3	31.0	30.0	29.6	28.7	24.6	25.0	23.7	20.0
29	16.5	-99.0	24.4	21.8	30.6	29.7	29.0	29.2	24.6	25.2	23.2	19.4
30	13.2	-99.0	17.4	23.1	30.9	28.4	27.2	29.4	23.6	24.5	20.2	19.6
31	14.2	-99.0	15.8	-99.0	30.8	-99.0	28.4	29.6	-99.0	22.8	-99.0	20.3
1986												
1	15.2	21.3	12.0	20.8	25.7	32.0	33.8	30.0	30.6	20.8	22.2	16.5
2	15.2	21.6	9.8	21.7	24.6	32.2	33.8	29.2	28.8	19.6	22.6	17.0
3	17.4	20.1	12.8	22.5	23.8	30.4	33.2	29.0	28.8	22.6	22.8	17.9
4	15.6	16.7	12.8	23.4	24.6	29.4	33.2	29.1	28.0	25.2	23.3	16.1
5	17.0	17.8	13.8	23.7	26.6	31.2	31.6	28.9	26.5	26.6	23.2	17.6
6	14.0	16.5	16.2	24.7	25.6	30.7	31.4	29.2	26.5	24.9	23.9	19.3
7	14.8	15.2	17.4	23.0	24.7	30.8	31.5	28.7	27.8	24.9	23.8	19.8
8	14.8	13.8	18.8	22.6	25.6	30.7	31.0	26.9	26.4	25.2	22.5	17.8
9	15.9	15.8	19.1	23.3	25.3	31.5	30.1	26.6	26.7	25.9	20.5	19.6
10	17.3	16.2	19.2	25.5	26.3	32.2	28.8	25.7	25.4	25.6	20.0	18.0
11	16.8	15.6	20.4	25.0	28.5	31.2	30.0	24.7	25.8	23.0	20.8	18.1
12	17.0	18.8	22.2	26.0	30.0	28.4	31.2	28.6	27.0	23.4	20.6	18.7
13	17.9	19.6	23.4	26.2	30.8	29.0	31.8	29.9	28.5	22.4	21.4	20.2
14	17.6	19.6	23.6	26.3	30.7	29.8	31.4	28.9	28.4	23.6	22.4	21.2
15	19.1	21.0	27.8	25.0	27.0	30.2	30.6	28.1	27.0	24.9	23.6	21.5
16	19.0	22.8	28.1	23.0	26.7	31.0	30.6	27.5	26.8	25.2	21.3	21.2
17	19.9	22.4	29.5	24.5	26.8	32.0	31.5	27.8	27.0	26.3	22.0	20.5
18	20.4	21.7	30.6	27.4	26.8	34.2	31.6	29.1	26.2	26.2	22.5	20.8
19	21.0	18.2	24.1	27.5	26.2	30.0	31.1	28.8	25.2	25.8	22.2	18.2
20	21.4	17.3	22.2	26.9	29.3	30.4	29.5	28.1	25.6	25.9	21.1	18.2
21	20.6	16.8	22.3	26.4	28.4	30.0	27.7	30.7	25.1	24.8	20.0	19.2
22	20.0	16.8	20.6	24.2	24.8	30.4	28.1	28.9	25.0	26.2	21.3	16.6
23	20.9	18.7	19.6	24.5	25.6	28.0	28.1	29.2	25.7	26.0	21.5	18.3
24	21.3	17.3	18.7	25.7	27.2	31.1	30.0	29.2	25.6	26.1	20.8	18.6
25	20.7	16.7	19.0	26.0	28.4	30.5	29.4	26.5	25.4	24.8	23.0	20.4
26	16.2	17.1	19.7	26.4	28.8	30.8	29.7	26.7	25.2	26.2	20.6	20.0
27	15.0	17.0	20.2	26.1	28.3	31.6	30.0	27.2	25.0	27.0	17.0	20.5
28	16.2	14.7	21.3	25.6	28.8	32.4	30.1	28.8	26.2	26.8	18.2	20.5
29	18.3	-99.0	23.6	25.6	30.2	32.8	29.8	29.5	25.9	24.4	21.3	19.2
30	19.3	-99.0	28.0	25.7	31.2	33.0	28.9	30.3	26.0	20.5	19.2	19.8
31	20.2	-99.0	21.1	-99.0	31.7	-99.0	28.6	30.3	-99.0	19.6	-99.0	21.2
1987												
1	21.2	18.8	16.6	24.6	27.7	30.6	32.2	30.4	29.8	25.5	26.0	16.1
2	21.8	18.8	16.3	25.0	30.3	26.2	31.7	31.6	29.5	25.5	25.5	13.6
3	21.4	19.2	16.2	20.2	31.4	28.2	30.2	30.8	28.1	25.8	22.6	14.6
4	22.0	18.5	18.3	22.2	29.2	29.9	30.0	30.6	28.2	26.8	19.0	15.0
5	21.0	17.4	21.0	27.9	28.8	30.6	30.2	30.3	28.8	27.6	19.4	15.8
6	19.2	18.9	24.0	24.1	29.6	30.4	30.8	30.6	27.2	27.2	20.4	17.2
7	20.6	18.7	26.4	22.9	29.5	29.2	30.4	31.7	27.1	25.2	20.4	16.8
8	20.0	19.2	26.6	22.6	29.4	24.5	31.0	30.6	27.2	24.8	17.4	14.2
9	19.5	18.7	28.2	23.5	27.8	25.4	31.1	27.3	27.1	26.5	18.2	17.8
10	19.6	20.8	25.4	25.9	27.1	28.1	31.2	27.8	27.4	26.7	21.0	18.4
11	21.5	22.2	24.8	28.4	27.0	31.0	31.2	27.7	27.0	25.8	22.4	19.5
12	21.8	22.8	24.7	27.3	27.9	30.6	31.3	28.0	25.8	28.4	23.3	19.0
13	19.6	21.6	26.0	23.0	28.4	31.8	32.3	28.0	26.2	28.7	25.0	19.9
14	18.4	22.5	25.6	20.2	27.8	33.0	29.0	28.4	26.6	28.1	24.8	16.1
15	19.3	22.2	26.6	19.4	29.3	30.2	29.4	27.7	27.2	27.4	25.6	17.4
16	20.2	21.1	26.1	20.1	32.6	27.0	29.0	26.6	27.0	27.5	25.4	15.6
17	19.6	21.5	27.9	20.7	28.4	27.2	30.1	27.8	26.6	28.0	25.6	14.9
18	19.4	23.2	28.3	22.4	-99.0	28.7	30.8	28.2	27.1	28.7	22.1	15.8
19	20.2	22.6	27.0	25.2	30.2	28.7	31.6	29.0	26.8	26.8	21.1	17.4
20	21.4	22.8	25.0	25.8	33.1	30.8	32.7	29.6	25.4	25.2	19.9	17.2
21	21.5	21.8	27.7	25.8	33.5	30.0	32.8	28.0	26.6	27.4	21.4	17.3
22	21.8	22.4	27.8	26.4	34.2	31.1	32.4	25.7	27.1	26.0	22.6	15.3
23	21.5	22.0	29.2	27.2	34.1	31.6	29.9	28.0	27.2	21.5	23.0	17.0

24	21.0	23.1	29.9	27.0	33.6	33.2	28.6	28.6	27.0	20.8	24.4	16.9
25	18.2	21.7	26.0	27.8	33.8	33.2	29.7	29.7	27.7	21.8	24.0	17.2
26	13.6	22.1	19.4	27.1	33.2	33.2	30.8	30.2	22.5	20.4	24.6	18.5
27	11.8	21.6	20.1	25.2	31.9	32.4	32.1	30.1	22.0	21.0	25.1	18.5
28	14.2	16.9	21.6	24.7	27.8	32.2	32.2	31.4	24.2	22.2	23.8	19.5
29	17.2	-99.0	22.3	25.6	24.9	31.5	29.5	31.2	26.2	24.2	18.8	20.2
30	19.2	-99.0	24.2	26.2	26.8	31.5	30.9	29.8	26.4	25.0	13.5	20.2
31	19.4	-99.0	25.1	-99.0	29.4	-99.0	29.4	29.3	-99.0	25.2	-99.0	19.6
1988												
1	19.6	22.4	17.0	18.9	28.3	26.6	32.2	27.9	31.8	22.2	18.8	18.6
2	19.2	21.7	16.0	19.3	27.5	27.2	31.6	26.3	32.3	22.6	21.1	18.8
3	20.0	19.3	15.0	18.9	26.8	27.0	30.5	27.2	33.1	22.5	22.9	18.3
4	20.7	19.7	14.3	19.6	28.8	27.0	29.1	30.1	32.8	23.7	21.6	18.2
5	20.7	21.1	13.8	20.9	31.1	25.8	30.7	30.3	30.0	24.7	21.9	19.9
6	17.8	22.5	13.8	22.2	29.3	26.2	31.3	29.8	30.3	25.1	21.3	19.2
7	19.2	22.3	13.5	20.6	29.6	26.2	32.0	27.9	30.5	25.2	20.8	20.7
8	20.3	21.4	13.3	18.0	30.3	28.4	32.5	28.9	30.2	25.6	20.6	21.0
9	19.0	17.2	13.6	18.7	30.9	31.4	32.4	27.9	29.2	24.9	20.7	20.3
10	19.7	17.1	16.3	19.0	29.7	32.4	32.3	28.6	29.1	25.9	20.3	15.9
11	20.5	16.4	19.2	20.2	27.9	32.3	30.9	29.7	28.3	24.1	21.5	15.8
12	19.7	16.5	20.7	20.1	28.3	31.9	30.5	30.0	29.0	26.1	17.1	16.5
13	18.7	19.4	25.0	20.9	25.7	30.6	29.8	28.8	28.9	24.5	17.3	17.5
14	18.6	20.3	27.2	20.5	27.0	30.3	29.1	30.1	29.1	25.4	19.5	18.1
15	19.9	18.4	27.3	19.8	24.6	30.6	28.0	30.5	26.5	26.4	20.1	19.4
16	19.6	18.0	25.2	21.0	25.8	30.6	29.6	30.5	24.2	25.4	21.5	18.7
17	20.2	16.5	21.4	21.9	26.6	28.3	29.9	31.0	24.1	25.6	22.6	17.7
18	17.9	13.8	17.1	21.8	27.7	29.0	29.6	31.4	25.2	26.7	22.5	17.2
19	13.5	12.3	18.0	23.9	28.9	29.8	32.3	30.9	25.2	26.1	21.4	19.6
20	16.1	13.3	19.2	28.8	31.3	31.3	32.5	30.1	25.8	25.7	18.4	19.2
21	18.6	14.7	21.1	30.8	33.3	32.3	31.5	31.0	26.6	24.7	18.3	20.2
22	20.4	16.5	20.8	25.0	33.5	32.9	31.7	31.1	25.5	24.3	20.7	19.7
23	19.6	18.4	17.2	22.2	31.0	33.5	31.6	29.9	24.1	23.4	22.2	20.2
24	21.7	19.3	17.1	21.9	33.9	32.9	32.3	29.4	24.8	23.0	22.6	19.7
25	22.4	21.9	19.0	22.8	32.7	31.7	32.0	29.0	23.8	22.5	21.0	20.6
26	21.9	22.8	20.3	23.5	30.9	32.9	31.2	29.1	24.4	23.3	21.4	21.2
27	21.4	23.1	22.6	25.0	29.1	33.0	31.4	29.5	25.5	22.8	19.5	19.6
28	19.0	23.2	25.6	25.4	29.1	32.9	33.3	29.9	22.9	20.6	16.3	20.1
29	19.4	20.9	22.9	24.6	30.3	30.4	31.6	29.9	21.1	17.9	19.2	20.0
30	21.3	-99.0	18.2	25.2	29.2	31.4	29.2	29.7	22.2	16.6	17.3	18.2
31	22.1	-99.0	18.3	-99.0	27.8	-99.0	28.1	31.1	-99.0	17.7	-99.0	19.0
1989												
1	18.0	15.1	21.6	21.4	26.8	27.1	30.5	27.9	29.0	27.0	24.8	18.2
2	18.5	14.7	23.3	25.7	28.0	27.7	30.8	28.2	28.6	27.2	24.2	17.3
3	19.2	13.1	22.1	28.8	26.7	29.0	30.2	27.7	29.7	24.7	24.2	17.4
4	19.5	13.1	20.5	31.3	24.8	28.5	28.8	28.8	30.6	24.5	24.8	18.4
5	19.6	14.4	15.8	26.7	22.9	28.3	27.2	28.0	30.4	25.1	25.5	19.1
6	20.4	15.1	15.4	22.4	23.8	29.8	28.2	29.3	27.0	25.3	25.2	19.2
7	22.7	16.0	14.3	21.9	26.1	31.0	29.8	29.8	25.7	25.3	24.8	20.1
8	22.9	15.9	14.1	20.8	29.6	30.6	30.1	29.5	25.9	26.3	24.4	21.2
9	20.8	15.1	14.7	19.6	31.3	28.1	30.6	27.5	26.9	24.1	24.9	19.9
10	21.6	15.3	16.4	20.7	31.8	25.6	28.9	27.5	28.1	23.5	24.1	20.1
11	22.6	14.6	17.5	22.4	30.9	26.4	29.1	27.0	29.2	21.4	23.1	20.2
12	22.0	13.7	19.6	24.5	28.6	28.0	29.5	28.6	28.0	24.4	24.0	20.6
13	17.2	16.0	20.3	25.5	27.6	28.1	27.9	29.2	27.9	23.1	23.8	21.5
14	11.4	17.7	21.4	25.4	23.1	28.0	28.0	28.9	27.4	26.1	24.3	21.2
15	11.4	20.0	22.0	22.0	23.0	29.6	27.9	28.7	26.8	26.2	22.5	19.4
16	12.2	21.4	22.7	20.4	26.2	30.5	28.4	29.1	26.3	24.8	21.6	18.7
17	14.1	22.6	21.8	22.7	26.2	31.3	31.5	30.5	25.6	25.3	21.4	18.8
18	16.5	20.6	23.5	24.6	26.2	32.0	31.6	30.4	26.4	24.6	21.5	18.6
19	16.3	21.0	23.4	28.8	26.0	31.7	29.6	30.4	26.6	21.7	17.5	20.0
20	16.1	21.6	23.5	29.2	26.6	31.4	30.6	27.6	28.4	20.5	18.1	19.1
21	17.1	21.1	21.2	31.3	27.2	30.9	29.0	27.3	29.2	21.4	20.1	20.2
22	15.2	21.0	19.7	25.6	26.9	31.5	28.8	25.3	28.0	19.3	20.0	21.3
23	14.5	21.0	20.2	22.6	26.6	30.9	28.4	24.6	27.1	20.0	19.6	21.2
24	14.7	21.2	22.1	22.4	26.7	29.4	26.8	25.0	27.6	22.0	19.6	21.3
25	15.0	18.0	21.3	24.9	25.7	28.1	29.1	26.8	27.9	23.8	20.0	21.0
26	15.0	18.4	17.3	25.2	26.8	26.2	29.8	28.1	27.2	23.3	21.5	21.6
27	15.1	18.9	18.4	26.9	27.1	28.4	29.6	29.5	26.9	24.4	20.4	21.1
28	14.2	20.3	18.9	27.0	28.5	29.2	30.0	30.4	26.1	24.1	20.2	21.4
29	14.4	-99.0	18.2	27.3	29.6	30.6	27.0	30.4	26.8	24.6	19.9	22.4
30	14.6	-99.0	19.4	25.7	29.9	30.8	27.7	30.3	26.8	24.1	16.3	18.5
31	14.2	-99.0	20.4	-99.0	28.8	-99.0	27.8	29.7	-99.0	24.4	-99.0	16.7
1990												
1	18.7	12.4	17.4	25.2	27.0	26.2	30.3	29.3	29.3	26.7	23.5	15.7
2	18.6	14.1	16.8	28.7	27.2	24.1	29.6	30.5	29.2	25.1	24.2	16.0
3	17.5	15.3	16.5	28.8	28.9	25.1	29.9	30.4	27.6	27.1	25.3	16.4
4	17.9	14.4	16.6	24.3	22.6	26.4	29.8	29.1	27.2	25.0	26.6	17.1

5	19.8	14.9	16.4	18.7	22.0	29.3	29.9	28.5	27.4	25.1	28.4	16.1
6	20.5	15.0	15.2	19.9	22.4	30.9	30.1	29.6	28.0	24.6	26.1	16.3
7	19.7	16.6	16.0	21.8	23.8	31.4	31.6	29.6	28.5	24.2	26.5	17.6
8	20.6	18.7	15.7	23.6	25.2	31.8	30.8	29.9	29.5	24.7	26.5	20.2
9	21.0	19.9	15.3	23.9	26.0	27.5	30.6	30.0	30.3	23.7	22.8	20.3
10	22.1	20.5	17.3	27.0	28.6	28.4	30.8	31.8	29.8	24.4	19.3	19.0
11	22.1	21.2	19.5	29.3	26.3	29.1	32.2	31.0	30.4	24.9	18.7	19.6
12	23.2	19.6	20.6	22.6	25.2	29.5	31.9	30.5	29.1	24.5	18.7	21.4
13	23.7	22.0	21.4	22.0	25.9	30.0	31.8	29.4	27.6	24.7	19.1	21.2
14	23.6	22.1	22.5	24.4	25.8	30.3	31.1	29.5	26.6	25.9	21.4	21.7
15	23.4	22.6	21.9	28.5	26.6	30.4	31.7	29.1	25.8	26.5	21.6	22.6
16	17.5	22.4	20.3	31.3	29.0	29.4	31.7	28.6	26.4	26.1	19.4	21.6
17	17.6	22.6	19.8	28.8	22.7	29.6	32.0	28.3	25.7	25.9	20.5	21.8
18	19.5	22.2	19.0	25.2	23.8	28.4	30.9	29.7	28.1	26.3	23.6	21.7
19	18.3	23.0	20.1	27.1	25.9	30.1	30.0	30.9	25.2	25.3	24.3	21.7
20	16.6	24.2	20.0	30.9	27.9	29.3	29.2	32.3	26.1	24.6	24.0	21.5
21	16.0	23.4	22.2	30.8	26.2	28.2	27.5	32.2	28.1	26.6	23.9	22.8
22	15.8	23.3	24.1	32.7	28.1	28.6	25.0	32.2	27.5	26.9	23.2	22.6
23	13.6	22.5	26.0	29.2	27.9	28.9	26.9	32.1	27.3	26.1	21.3	17.1
24	14.4	18.9	30.2	24.3	24.5	29.6	29.2	32.0	26.8	26.9	21.8	17.2
25	15.3	16.8	28.0	23.2	21.1	30.3	30.0	30.3	25.8	22.6	23.3	19.5
26	15.4	16.4	25.0	23.2	24.3	30.5	30.3	27.2	26.9	20.6	22.8	21.1
27	16.8	15.8	25.4	23.8	25.4	30.4	29.7	27.1	26.3	21.9	20.9	20.8
28	18.7	17.2	25.4	25.5	26.3	29.5	30.0	26.4	26.6	23.6	20.6	21.9
29	19.0	-99.0	25.3	26.5	26.7	30.4	28.5	25.5	26.2	23.0	20.6	22.0
30	19.6	-99.0	25.0	26.3	28.7	31.1	27.2	27.6	25.9	21.3	20.3	20.9
31	19.4	-99.0	24.7	-99.0	29.8	-99.0	28.1	28.7	-99.0	23.4	-99.0	20.7

1991

1	20.8	17.6	23.2	16.0	31.2	28.7	29.0	30.4	29.0	26.7	21.7	22.0
2	21.9	15.5	23.9	15.4	24.9	29.9	28.9	31.3	29.4	26.9	21.4	22.4
3	22.5	17.0	21.8	17.4	23.2	28.2	30.3	30.5	28.5	26.8	18.7	21.4
4	24.3	17.2	21.9	20.3	25.6	28.6	30.7	29.3	27.3	26.0	20.2	19.2
5	20.1	18.2	24.6	23.1	29.3	28.1	31.8	28.4	27.8	24.4	22.7	20.8
6	17.5	19.2	26.7	22.8	30.7	28.6	32.8	28.0	29.7	22.8	22.9	21.3
7	19.8	20.9	25.8	22.3	29.3	27.5	31.9	28.1	30.2	23.5	24.5	21.1
8	20.1	20.5	23.9	23.6	24.4	29.9	30.5	30.2	30.4	23.0	23.9	21.3
9	17.8	21.6	23.7	25.6	22.9	30.9	29.5	31.1	30.2	24.3	24.0	21.3
10	20.4	22.8	24.3	30.4	24.2	31.8	28.4	30.9	29.5	24.4	23.5	21.1
11	21.7	23.4	24.3	31.2	25.8	31.3	28.0	30.0	27.9	25.5	23.6	21.5
12	19.1	23.7	24.6	27.5	26.9	31.0	28.4	29.4	27.3	26.8	22.6	21.4
13	18.0	26.2	24.5	26.1	27.3	30.9	26.7	29.7	25.4	28.0	21.8	20.6
14	18.8	26.5	22.4	25.5	27.2	32.6	28.0	27.6	25.1	27.9	22.9	19.9
15	14.5	20.9	23.9	25.8	27.0	33.3	29.5	27.2	26.6	27.1	21.9	20.0
16	16.3	20.2	23.3	26.4	24.9	32.9	30.1	27.5	25.7	27.4	18.8	20.1
17	17.4	20.9	20.5	26.8	26.5	30.8	30.0	24.7	26.6	25.7	20.8	20.6
18	19.3	20.4	20.6	26.5	28.2	31.8	30.8	27.1	26.7	23.8	20.2	20.2
19	19.6	20.5	23.0	25.9	30.6	32.3	30.1	27.5	27.0	23.9	20.3	19.6
20	21.6	17.6	25.3	23.0	29.9	31.7	30.2	28.5	26.3	23.4	20.9	19.1
21	21.8	14.4	26.1	20.9	30.4	32.9	31.3	29.8	26.4	23.1	21.4	19.8
22	22.3	13.8	26.0	21.3	30.9	31.8	29.0	30.5	26.4	22.5	21.6	20.2
23	22.9	15.7	25.2	21.1	32.2	27.3	27.6	29.0	25.9	21.4	23.0	21.5
24	22.6	16.9	25.8	22.7	31.7	27.4	27.6	28.4	26.2	22.9	22.6	22.5
25	21.9	18.7	26.0	23.0	31.6	25.8	28.9	26.2	26.7	22.3	22.6	21.8
26	22.4	20.0	26.5	24.9	30.2	26.8	28.2	27.4	27.1	23.2	17.7	22.7
27	19.6	21.5	25.7	25.0	27.6	27.7	28.4	26.5	27.1	24.4	18.2	23.2
28	19.2	21.5	23.5	26.4	27.7	29.8	30.3	25.8	25.7	23.7	19.4	13.7
29	19.1	-99.0	22.7	27.2	27.7	30.5	30.4	27.2	24.2	20.5	21.7	9.6
30	19.1	-99.0	22.6	27.9	27.8	29.8	31.7	27.9	25.9	20.3	22.8	11.6
31	20.3	-99.0	18.9	-99.0	27.9	-99.0	30.5	27.4	-99.0	21.1	-99.0	14.7

1992

1	16.8	21.4	23.8	20.4	27.7	29.8	30.5	28.8	30.6	25.7	23.9	18.1
2	18.5	22.3	25.1	20.6	29.3	30.4	31.7	29.3	29.7	26.3	23.2	18.8
3	18.3	21.3	23.2	22.1	27.8	28.1	32.2	28.6	27.9	26.2	23.5	17.0
4	17.9	21.3	23.0	22.2	27.5	28.4	32.5	28.2	29.5	26.3	23.4	18.3
5	18.4	21.7	18.0	23.6	27.5	28.3	32.7	28.9	30.7	26.2	22.2	19.7
6	19.2	21.3	16.8	23.5	28.3	31.2	31.3	29.4	31.0	24.6	22.5	20.9
7	17.0	18.0	15.6	23.4	30.4	29.5	28.5	29.5	29.4	25.6	23.4	21.2
8	13.5	18.0	16.4	24.9	32.5	26.8	26.0	30.7	28.1	24.7	23.1	21.0
9	13.8	18.3	17.3	26.2	31.7	26.7	23.9	30.4	28.1	22.6	18.9	21.0
10	14.0	18.0	18.0	24.0	26.6	28.3	28.2	29.2	29.3	23.3	19.3	21.3
11	14.7	17.4	18.8	24.1	26.4	28.2	28.5	27.1	30.2	24.9	17.5	22.3
12	17.7	16.9	20.5	22.8	26.6	29.7	27.8	28.4	29.5	24.9	18.2	22.5
13	18.0	15.9	22.4	20.8	27.3	31.2	27.3	28.7	27.7	23.1	18.1	22.4
14	12.8	18.3	23.9	19.5	27.5	31.3	29.1	29.2	28.4	18.9	18.9	22.0
15	14.2	18.5	24.7	19.4	27.8	31.1	28.4	28.4	29.2	21.2	17.6	19.8
16	13.7	18.8	23.2	21.2	30.3	31.9	27.6	27.4	28.9	22.3	16.9	16.9
17	14.2	18.2	23.7	23.0	30.7	32.0	28.6	27.2	26.4	21.2	18.9	18.5

18	15.7	19.4	23.0	26.9	28.1	30.4	30.9	28.4	25.0	22.9	20.9	20.1
19	16.9	19.2	22.6	31.8	26.4	29.2	32.1	29.0	24.6	23.4	21.6	20.2
20	17.6	15.9	23.5	29.8	27.8	29.5	32.9	29.8	25.8	22.1	22.1	21.3
21	15.1	14.4	24.0	30.5	26.7	28.9	32.0	30.7	25.2	22.6	18.1	21.6
22	16.1	15.1	25.0	28.5	27.3	30.4	29.9	28.7	26.9	23.0	18.5	21.2
23	16.4	14.1	25.0	25.6	28.1	32.8	26.7	27.7	26.9	23.2	20.5	20.9
24	17.7	15.5	24.8	26.1	28.5	33.4	27.3	27.3	26.9	24.1	21.1	14.6
25	18.4	16.2	25.5	26.3	27.6	33.2	26.7	27.3	26.4	24.8	22.2	13.8
26	17.8	17.2	22.0	26.2	27.3	30.9	27.4	27.3	25.5	22.7	20.5	16.2
27	18.5	17.2	19.2	26.2	25.1	25.5	26.7	26.3	26.0	22.7	20.0	19.0
28	20.9	18.9	18.1	26.1	27.3	24.7	25.1	28.1	24.7	21.8	20.1	20.3
29	20.6	21.6	18.9	26.3	29.1	26.6	26.6	29.0	25.6	20.4	19.0	21.4
30	20.8	-99.0	19.4	27.0	31.6	30.3	27.7	30.2	26.2	21.0	18.4	22.6
31	21.0	-99.0	20.8	-99.0	32.7	-99.0	28.5	30.8	-99.0	23.1	-99.0	22.1
1993												
1	21.4	16.6	17.3	25.1	29.5	31.7	31.3	31.4	26.5	22.9	19.2	21.5
2	20.9	15.4	17.1	28.2	31.1	32.9	32.0	28.8	27.1	22.9	19.7	22.5
3	21.9	16.3	17.9	28.8	25.2	31.8	31.0	30.6	27.8	21.7	20.1	23.1
4	21.7	17.2	18.1	27.0	24.5	33.5	32.4	31.0	27.2	23.2	21.1	22.6
5	21.6	17.7	20.8	25.1	26.8	33.1	31.9	32.2	27.4	25.5	22.5	20.0
6	21.5	17.8	20.7	23.8	29.0	31.5	32.1	33.2	24.6	22.4	22.2	17.3
7	21.9	18.9	22.2	20.4	28.5	32.2	32.4	32.2	24.1	23.0	23.0	17.8
8	21.7	19.0	21.7	18.7	29.6	32.2	31.8	31.8	24.3	23.3	23.7	16.9
9	21.4	20.3	22.9	18.0	30.3	32.4	30.8	32.0	26.2	23.5	24.9	17.9
10	21.3	19.9	22.2	20.0	28.6	31.5	29.5	32.1	27.0	24.0	23.3	17.7
11	21.5	20.1	22.1	22.4	28.6	31.4	26.2	33.3	27.1	23.3	23.8	17.9
12	22.9	19.5	23.3	23.0	29.3	32.1	26.2	32.7	27.9	24.7	23.5	21.0
13	22.1	21.2	23.7	24.7	29.0	31.9	28.4	29.1	28.3	24.4	23.2	21.8
14	22.1	21.1	26.7	25.0	27.9	33.2	28.7	30.0	28.3	25.5	23.3	21.6
15	17.5	21.0	29.1	24.5	26.5	32.2	30.4	30.0	28.1	25.2	24.1	18.3
16	11.3	21.2	29.0	26.0	26.8	32.8	30.9	28.7	28.1	23.3	24.2	16.1
17	10.9	21.4	26.1	26.8	26.2	32.4	31.5	28.2	28.4	23.2	25.0	13.7
18	11.3	23.1	19.7	26.0	26.7	32.3	32.0	30.9	28.3	22.6	23.8	12.2
19	12.8	23.5	16.9	26.0	28.7	33.2	31.5	31.6	25.8	19.4	24.4	14.5
20	13.7	22.6	17.0	26.1	30.2	32.7	31.9	29.8	26.1	20.3	24.7	16.1
21	12.8	21.9	17.7	25.6	29.8	32.8	31.5	30.5	26.6	22.7	21.0	17.9
22	12.4	22.1	18.7	25.5	28.4	32.6	31.4	28.4	27.0	21.7	16.7	17.2
23	12.6	22.4	21.3	28.2	28.5	29.7	31.0	30.1	25.4	24.1	19.0	14.9
24	10.2	19.4	23.0	30.3	29.6	29.3	30.8	29.4	26.5	24.5	18.2	14.8
25	12.9	19.6	24.9	28.0	27.0	28.5	32.0	29.0	26.5	24.5	16.1	15.2
26	14.7	20.6	26.6	26.8	29.3	29.2	32.6	29.1	27.1	24.8	16.9	15.0
27	15.3	21.3	27.6	26.9	28.0	29.3	32.1	28.5	26.6	24.9	16.7	15.7
28	14.3	19.9	26.0	27.7	28.0	30.1	31.0	27.9	27.9	25.9	17.4	17.2
29	12.9	-99.0	23.2	28.2	27.0	30.4	31.5	25.9	29.3	24.1	18.4	16.2
30	13.3	-99.0	20.9	28.4	29.1	29.5	31.4	26.3	26.4	21.1	19.8	17.0
31	14.0	-99.0	21.0	-99.0	30.8	-99.0	32.4	26.3	-99.0	19.2	-99.0	19.4
1994												
1	16.6	20.1	15.0	22.4	31.5	28.1	28.9	29.2	26.3	25.5	20.1	24.1
2	19.2	19.8	14.5	23.5	33.0	26.9	29.7	28.2	26.4	25.5	20.2	23.7
3	18.9	18.1	14.8	24.7	34.0	27.7	30.0	26.5	26.8	25.6	21.4	22.8
4	20.7	19.1	16.8	24.4	32.4	29.1	30.0	28.8	27.1	25.7	22.4	20.1
5	22.5	21.3	19.1	24.3	21.9	30.2	28.3	29.5	27.9	26.3	22.5	17.8
6	22.8	22.2	22.0	24.2	20.5	30.0	28.5	29.9	25.5	25.8	22.7	19.4
7	21.2	22.4	21.6	24.6	22.4	29.3	29.8	30.0	26.2	24.9	22.1	19.7
8	19.8	22.1	21.3	24.5	24.2	28.7	29.9	29.2	29.4	25.2	23.8	21.4
9	19.3	22.4	21.2	24.8	25.8	29.1	28.3	29.2	29.7	26.5	22.5	22.4
10	20.6	23.3	21.1	26.0	28.0	29.2	27.6	29.4	28.2	26.1	23.7	23.2
11	22.1	28.3	20.4	25.7	28.5	30.8	29.4	30.1	27.9	26.5	21.9	23.7
12	21.8	24.2	22.4	25.9	29.1	31.2	30.5	31.6	26.1	26.6	22.2	23.6
13	21.6	23.4	23.0	22.0	29.7	31.6	30.4	32.4	24.0	26.5	23.3	22.5
14	19.4	24.4	17.8	21.0	29.8	31.3	29.5	31.0	25.6	28.8	23.6	19.6
15	18.6	23.4	17.1	21.0	29.7	31.7	27.0	29.4	26.0	29.1	24.0	20.9
16	20.4	22.2	18.1	22.4	30.5	31.6	28.2	28.4	26.2	27.6	24.5	21.5
17	22.2	19.4	17.3	24.7	27.3	32.0	28.5	29.4	26.5	25.7	24.4	22.0
18	21.6	19.5	18.4	25.9	25.6	29.0	28.3	29.3	26.5	25.1	23.4	21.6
19	21.6	20.1	18.4	26.8	25.9	25.1	29.2	29.1	27.9	23.8	23.2	17.8
20	18.4	19.4	18.9	27.0	27.4	26.6	28.6	28.4	29.6	22.2	22.9	18.3
21	13.1	18.5	18.9	28.4	28.4	27.6	30.5	28.9	30.3	22.2	23.5	16.1
22	12.7	23.5	18.4	27.0	29.2	28.1	30.7	28.1	28.8	22.3	24.2	15.6
23	12.7	25.9	16.9	26.9	30.7	28.1	31.0	27.6	26.7	21.8	23.8	18.7
24	14.5	26.4	17.0	27.2	30.6	28.0	30.2	26.5	26.8	21.8	22.7	19.2
25	16.4	19.7	17.8	29.9	30.1	29.4	30.8	26.9	26.9	21.1	22.1	18.4
26	16.4	17.5	17.6	30.5	30.3	29.5	30.5	27.3	27.3	20.7	22.1	19.3
27	18.5	15.9	16.8	28.4	27.2	29.8	27.5	29.1	27.2	19.6	22.0	19.3
28	19.1	15.1	18.1	27.0	26.6	28.0	27.0	28.6	26.2	21.1	22.8	20.5
29	19.1	-99.0	20.3	27.4	28.1	26.3	26.5	27.8	24.2	22.4	24.3	20.8
30	20.9	-99.0	21.0	27.7	29.1	27.0	25.8	27.1	23.5	21.3	23.8	20.7

31	20.6	-99.0	22.2	-99.0	30.0	-99.0	28.8	26.5	-99.0	22.4	-99.0	21.6
1995												
1	21.6	10.8	17.3	23.3	26.6	26.5	30.7	29.3	29.4	26.9	25.0	22.0
2	18.8	12.2	19.1	20.5	26.7	28.8	30.9	31.1	29.9	26.8	22.5	21.2
3	17.9	13.1	18.2	18.6	26.6	30.3	30.0	32.0	26.9	27.9	19.3	20.9
4	14.1	12.0	17.6	19.1	26.8	31.4	29.3	29.8	26.9	27.8	22.1	22.1
5	13.9	12.9	17.0	20.8	22.6	31.2	30.4	29.6	27.3	25.3	21.6	21.5
6	14.6	14.2	18.1	21.4	23.6	31.1	31.5	29.2	28.6	24.4	20.6	20.1
7	16.2	15.8	19.7	20.7	25.2	31.1	30.1	29.7	30.3	26.0	20.1	18.4
8	16.7	16.8	20.8	22.6	24.8	29.5	29.4	29.1	30.0	25.5	17.8	17.3
9	18.6	18.9	21.9	22.5	25.6	29.7	29.2	27.3	28.2	25.6	18.5	16.3
10	18.9	18.7	21.1	23.6	25.3	30.0	30.6	27.3	27.5	26.9	20.4	17.5
11	20.8	18.7	20.9	24.2	24.9	29.9	31.8	30.2	25.1	25.6	22.3	19.5
12	21.3	20.0	19.9	25.1	25.4	28.2	31.9	31.4	25.0	24.2	23.8	19.9
13	18.4	20.8	18.9	27.4	26.1	29.0	31.9	28.8	25.5	26.8	23.1	19.7
14	17.3	21.4	18.9	30.6	26.9	30.4	31.1	29.9	25.6	26.8	20.3	20.2
15	17.9	17.7	20.5	28.7	27.3	31.8	29.9	30.7	26.8	26.8	16.8	20.7
16	17.9	18.4	23.2	26.7	23.5	32.5	29.4	29.0	25.6	26.2	17.8	22.0
17	17.6	19.8	23.6	26.2	26.6	32.1	29.5	27.8	25.6	26.2	18.8	21.8
18	18.8	21.0	16.9	26.3	31.3	29.0	27.4	27.6	26.1	25.9	21.2	20.7
19	18.7	21.5	15.3	25.3	30.8	31.6	27.0	28.7	26.4	25.7	19.7	18.7
20	19.3	22.1	16.7	26.2	31.9	32.0	29.5	28.7	24.4	25.7	22.0	17.7
21	20.2	20.8	17.9	27.7	32.5	33.0	30.5	28.9	25.3	25.5	19.0	16.4
22	21.3	18.2	19.4	27.0	26.6	33.5	32.7	28.6	26.2	25.8	18.2	16.4
23	22.3	16.6	21.1	27.0	27.6	33.7	32.0	28.7	26.6	25.6	19.0	16.8
24	17.7	16.7	22.6	26.3	32.3	32.6	32.3	29.6	25.6	26.8	19.2	18.3
25	15.6	16.5	20.8	26.0	32.4	32.5	31.2	29.8	26.2	24.1	17.1	19.4
26	16.5	15.7	18.2	26.4	32.0	32.5	30.9	29.0	26.0	24.2	18.4	18.2
27	16.0	15.2	19.8	26.8	28.4	32.3	30.7	26.5	26.1	23.1	20.0	17.5
28	14.1	16.1	21.7	26.4	28.8	28.2	29.5	25.7	27.0	20.5	20.7	18.1
29	14.1	-99.0	23.0	26.8	28.2	29.4	27.9	25.7	27.0	23.8	20.9	15.0
30	14.7	-99.0	25.9	26.8	29.2	29.6	28.0	27.7	26.1	24.8	21.8	14.2
31	13.8	-99.0	24.5	-99.0	29.1	-99.0	27.0	29.3	-99.0	25.2	-99.0	15.1
1996												
1	15.1	13.8	16.3	26.2	28.0	29.2	31.6	31.1	28.0	25.9	26.1	15.6
2	16.0	14.5	17.8	19.4	26.5	29.4	32.6	32.3	27.4	25.5	26.3	15.4
3	16.9	15.0	17.6	17.3	27.1	29.8	32.0	31.8	26.4	26.0	24.6	18.7
4	16.8	15.4	17.7	17.0	28.6	30.5	31.6	29.3	27.0	27.1	26.8	20.5
5	17.5	16.5	17.5	17.9	30.9	30.6	29.8	26.8	27.1	27.9	26.2	21.6
6	18.5	16.7	18.5	19.8	31.4	28.9	29.9	29.4	27.0	28.3	25.4	17.0
7	19.6	18.5	19.6	20.9	32.0	27.6	30.6	30.5	27.6	28.2	25.6	13.3
8	20.2	18.0	22.1	22.0	25.3	27.8	29.5	30.7	27.6	25.1	25.0	15.8
9	19.7	18.3	22.0	23.1	24.2	28.0	30.4	31.1	27.7	25.1	25.0	16.3
10	17.0	18.3	18.8	22.0	25.1	27.8	32.2	31.3	28.7	24.1	24.2	14.6
11	18.0	16.2	16.6	19.5	24.3	26.4	31.9	30.4	27.6	23.8	25.0	16.9
12	19.7	17.3	16.6	19.2	24.5	27.9	30.9	28.7	27.1	25.4	24.8	17.1
13	21.4	18.7	19.0	19.7	24.8	27.4	31.4	28.3	27.8	24.6	24.3	18.2
14	21.7	19.5	21.7	20.0	26.1	27.2	31.0	28.1	26.7	24.7	21.8	17.7
15	20.5	20.5	26.7	20.7	26.6	28.1	31.7	28.8	26.5	25.1	24.2	19.9
16	21.0	20.4	29.0	20.9	26.8	27.8	32.1	29.2	25.2	25.5	23.6	19.8
17	21.1	21.6	29.7	23.1	26.2	29.4	31.5	30.3	26.9	26.3	22.2	20.4
18	20.2	18.3	28.7	25.3	25.0	30.0	30.6	30.3	27.8	25.5	17.7	19.4
19	19.8	14.1	22.0	29.5	25.6	31.1	31.7	29.2	27.6	24.7	17.4	18.0
20	18.6	10.8	22.9	21.3	25.7	31.4	30.5	28.4	26.9	24.7	17.9	19.1
21	19.0	8.9	22.1	19.3	26.0	30.2	29.7	27.5	25.8	24.7	20.8	17.3
22	20.7	9.4	21.8	18.9	26.7	30.8	26.2	26.2	24.7	23.6	20.1	16.1
23	20.7	11.1	23.3	20.3	29.0	30.7	26.0	27.5	25.8	25.8	20.5	18.4
24	19.6	11.9	24.1	21.6	30.1	31.4	27.9	26.2	24.9	24.5	21.7	17.1
25	20.4	13.0	24.7	23.6	31.4	30.4	29.7	25.8	24.0	25.3	21.1	17.6
26	17.6	14.4	23.2	22.3	26.4	30.0	29.8	28.4	24.3	25.2	21.9	17.6
27	15.2	14.4	24.3	23.8	28.6	32.0	30.5	27.6	26.2	22.9	23.2	17.5
28	14.7	15.9	21.5	24.4	30.3	32.1	30.2	27.8	27.0	22.8	23.2	19.1
29	14.4	16.1	21.0	24.6	30.9	31.7	29.7	29.8	26.5	25.2	22.8	19.3
30	14.2	-99.0	22.8	27.5	30.0	31.9	29.7	29.0	25.3	24.6	21.5	20.4
31	14.6	-99.0	29.8	-99.0	29.3	-99.0	30.6	28.3	-99.0	25.1	-99.0	20.9
1997												
1	20.3	20.9	19.8	24.8	25.5	29.5	30.7	28.2	29.9	25.7	19.7	24.9
2	19.6	21.9	19.9	24.9	25.9	31.2	30.8	29.3	29.8	26.0	19.8	18.6
3	19.8	22.7	19.5	24.9	27.8	31.9	30.4	30.5	29.1	26.3	19.6	15.9
4	21.7	20.1	19.4	24.9	31.7	30.7	30.9	30.7	28.7	25.7	21.8	17.1
5	18.5	18.0	20.5	24.3	31.5	31.7	31.6	30.0	28.4	27.4	23.0	19.3
6	19.0	17.6	19.9	25.2	32.5	32.0	31.5	31.5	28.1	27.1	21.1	21.9
7	19.2	17.9	21.1	26.1	32.2	31.9	31.0	32.2	25.6	27.0	21.9	22.5
8	18.7	17.9	20.8	25.3	31.0	32.4	30.2	31.3	27.3	26.4	21.8	17.6
9	15.5	16.6	21.3	26.9	26.3	32.4	29.2	31.8	27.1	26.4	21.2	15.7
10	13.9	16.8	21.8	24.8	28.2	31.3	27.8	29.8	24.8	26.5	22.1	16.5
11	14.9	16.4	22.7	25.1	30.5	26.9	28.0	29.9	26.6	26.6	23.5	15.9



12	16.2	16.4	23.5	24.5	31.2	29.6	28.7	31.3	27.4	26.1	23.5	15.9
13	17.1	16.8	24.3	24.2	31.6	31.5	28.9	30.9	28.1	26.0	24.1	14.9
14	18.6	16.9	24.8	26.5	30.5	30.7	28.1	30.0	27.5	26.2	24.3	17.2
15	19.6	16.6	24.7	25.7	30.0	26.7	29.4	29.5	27.3	26.2	25.0	19.2
16	20.1	15.7	24.7	24.3	30.3	27.1	29.9	27.0	26.3	24.6	25.7	21.4
17	20.8	15.3	23.5	25.7	28.0	27.3	29.5	26.3	26.8	24.9	21.0	21.7
18	22.6	16.0	21.4	26.9	30.7	30.2	29.9	26.8	27.2	25.5	19.4	23.6
19	22.6	15.9	24.1	27.2	31.5	31.1	29.8	28.6	27.1	25.9	20.8	24.1
20	20.6	16.7	21.3	27.6	29.0	31.8	29.1	28.8	27.0	26.1	22.7	23.4
21	21.0	17.6	22.4	27.5	30.4	31.4	28.7	28.8	22.8	26.3	23.1	22.9
22	22.7	18.1	21.8	26.2	30.3	30.6	29.0	28.7	20.1	27.0	23.9	23.0
23	23.6	18.5	20.0	25.2	22.8	29.9	28.1	28.8	23.2	28.1	24.9	18.1
24	17.7	18.5	19.4	23.1	23.8	29.5	27.7	29.2	24.5	27.4	25.8	19.2
25	14.0	19.0	19.9	22.6	25.1	29.8	28.1	27.0	26.5	26.6	28.9	20.7
26	13.6	18.5	20.7	19.8	26.1	28.2	28.6	27.5	21.9	25.8	27.0	21.5
27	15.5	18.8	20.9	22.1	28.9	29.1	29.1	27.4	18.5	23.7	26.2	20.7
28	16.9	19.2	21.5	22.9	28.5	30.3	29.3	27.8	20.7	20.7	26.0	20.6
29	18.2	-99.0	22.9	23.8	24.0	29.1	29.8	27.2	22.6	20.3	25.9	21.6
30	19.5	-99.0	22.9	24.0	25.9	30.4	29.6	27.9	24.6	21.6	25.0	21.9
31	20.3	-99.0	24.4	-99.0	26.6	-99.0	28.9	29.0	-99.0	22.1	-99.0	21.9
1998												
1	21.4	21.3	17.9	23.9	31.5	31.0	27.5	32.0	28.2	25.2	26.0	25.6
2	21.4	22.9	18.7	23.4	31.9	31.9	29.0	32.8	27.9	24.8	25.9	26.0
3	21.3	22.2	19.8	23.4	27.6	32.1	28.0	32.0	28.8	25.7	19.6	25.1
4	22.4	20.1	21.1	22.9	25.4	32.5	28.0	30.9	30.6	24.2	21.9	20.4
5	22.6	14.6	21.5	23.6	26.4	28.2	29.1	30.2	29.0	21.8	23.1	20.0
6	21.2	12.7	26.3	24.5	27.3	27.8	31.0	29.9	27.4	24.7	23.7	21.2
7	22.7	13.4	28.3	24.7	27.6	29.1	31.0	30.2	27.3	24.5	21.8	20.3
8	22.2	15.4	28.3	25.3	27.8	31.4	31.0	29.2	27.8	25.5	22.5	16.7
9	23.5	17.7	28.5	25.4	27.3	31.0	30.7	28.3	28.5	26.2	23.3	17.3
10	23.8	18.5	21.8	25.7	28.4	31.2	31.3	30.2	27.7	26.7	23.1	18.6
11	23.4	20.1	18.8	26.7	29.0	31.7	31.4	30.1	26.5	26.5	23.5	19.4
12	24.3	21.8	18.0	26.4	27.1	32.7	32.3	31.5	27.3	26.1	24.7	19.6
13	25.6	23.4	18.7	25.6	28.2	32.7	31.3	30.5	27.6	27.1	22.3	17.8
14	27.0	23.2	20.1	26.0	28.8	33.2	31.6	30.3	26.9	25.3	21.9	17.2
15	21.9	23.8	21.1	23.2	30.0	33.6	32.1	29.7	28.6	25.5	20.8	14.4
16	22.3	28.0	22.2	23.4	29.7	33.9	32.1	29.4	27.5	26.1	23.8	13.8
17	22.0	27.1	23.2	23.3	27.1	33.9	32.7	29.1	25.3	27.2	24.9	16.3
18	19.7	23.9	24.2	23.4	27.1	32.9	32.9	27.9	28.0	26.3	24.2	18.7
19	17.8	22.1	24.9	22.8	28.0	32.9	33.8	26.2	25.2	24.8	25.4	18.7
20	15.9	21.8	26.1	23.9	30.8	33.1	34.0	27.2	26.5	25.9	23.8	20.4
21	17.1	20.9	24.7	25.2	30.7	33.0	33.9	27.5	26.7	25.3	22.6	20.3
22	18.6	18.3	18.7	29.4	32.5	32.9	33.6	27.4	26.6	24.0	20.6	20.7
23	18.0	18.7	18.2	30.6	33.6	33.1	33.1	29.8	26.3	23.3	21.7	20.5
24	16.1	19.8	19.2	30.0	27.6	32.4	32.5	29.4	27.1	22.9	20.3	20.2
25	13.9	18.3	20.4	29.7	25.0	31.6	32.1	30.6	27.6	23.2	21.2	20.8
26	15.1	17.8	23.2	28.3	25.7	31.1	32.5	32.0	25.3	23.2	19.6	20.1
27	16.8	18.5	24.4	29.6	28.2	29.0	31.4	32.8	26.0	23.0	19.9	21.5
28	16.1	18.6	22.8	30.4	30.8	28.0	30.7	33.1	28.0	23.4	20.6	19.6
29	14.2	-99.0	21.2	29.8	29.9	28.5	29.7	32.0	25.5	24.8	25.3	20.7
30	16.6	-99.0	22.2	30.6	27.8	28.4	29.3	27.5	24.6	25.8	24.1	20.7
31	18.6	-99.0	23.0	-99.0	30.3	-99.0	30.6	28.3	-99.0	25.3	-99.0	19.8
1999												
1	20.6	23.6	18.8	23.2	23.9	30.2	31.2	29.3	28.3	25.9	23.7	19.1
2	20.0	20.7	20.5	24.1	24.9	30.4	30.6	29.4	27.6	26.5	18.6	20.8
3	19.1	18.9	22.0	23.8	26.6	29.7	29.6	29.8	28.0	26.4	16.8	17.8
4	16.5	16.6	22.0	22.2	27.5	28.8	28.1	28.7	28.3	24.9	18.0	17.0
5	16.9	17.0	22.3	20.0	24.0	28.0	29.8	29.1	28.1	26.1	18.7	16.7
6	18.3	18.1	23.0	21.3	23.7	30.7	30.1	29.5	27.9	26.5	21.3	15.0
7	18.2	18.9	24.0	22.2	23.5	30.6	30.8	30.5	26.2	25.7	21.2	14.2
8	17.6	18.9	24.6	23.3	23.7	28.9	32.3	31.7	28.0	26.4	21.7	14.2
9	17.7	17.9	24.8	24.2	22.6	28.1	32.4	31.4	26.6	26.7	22.7	17.0
10	18.1	19.7	24.1	25.9	23.1	29.5	31.8	31.6	26.9	27.7	23.9	17.9
11	16.1	21.3	19.8	27.6	21.6	30.3	31.5	30.5	27.6	27.4	25.5	19.1
12	13.0	19.7	19.1	29.1	22.5	30.7	31.8	29.8	27.9	26.8	25.8	19.4
13	13.0	20.9	20.4	26.9	24.3	31.4	31.3	30.3	28.8	27.0	25.1	17.9
14	14.9	20.3	20.5	26.9	26.3	31.0	31.8	29.4	29.8	26.0	24.8	17.2
15	13.7	21.3	20.1	26.5	27.2	29.9	30.6	30.6	30.0	25.2	24.1	17.9
16	13.0	21.0	18.6	27.7	29.4	30.1	32.3	29.9	28.2	24.8	23.8	18.2
17	13.5	21.5	25.1	29.8	30.0	30.6	31.8	28.8	28.4	25.3	23.7	17.9
18	15.2	21.7	28.8	29.6	30.3	29.5	30.8	28.6	28.4	24.9	23.0	18.8
19	17.0	20.7	29.2	27.1	25.2	27.9	32.3	28.2	27.5	21.2	21.7	18.3
20	18.1	17.1	29.1	27.4	25.4	29.3	32.2	27.8	26.5	19.1	22.1	17.8
21	17.3	16.1	24.4	27.4	25.9	29.9	32.6	28.6	24.7	20.8	21.0	15.1
22	18.6	15.7	18.7	26.7	27.4	30.6	32.5	29.6	24.1	23.3	22.5	14.4
23	20.3	18.5	18.8	28.2	29.6	31.0	31.8	27.4	24.5	26.1	22.6	12.4
24	21.5	21.0	20.7	30.5	30.3	31.1	27.3	29.8	25.7	25.4	23.5	13.2

25	21.0	21.9	23.4	30.3	30.2	30.9	28.5	30.9	25.4	24.4	23.5	13.5
26	20.7	22.1	28.0	27.9	30.8	31.2	30.0	30.8	25.8	25.2	23.3	13.1
27	21.6	22.2	26.7	25.6	26.2	30.4	31.2	29.5	26.3	25.6	23.1	13.7
28	22.9	20.1	23.7	21.2	26.5	30.8	31.3	28.1	26.6	23.8	22.6	16.0
29	22.0	-99.0	21.7	22.2	26.8	31.3	30.2	28.7	25.8	23.5	15.9	17.4
30	24.0	-99.0	19.3	23.1	26.7	31.9	28.5	30.0	25.5	24.0	16.8	18.2
31	24.6	-99.0	20.4	-99.0	29.9	-99.0	28.9	28.8	-99.0	25.3	-99.0	18.8

2000

1	18.7	11.1	12.5	24.1	30.7	26.7	28.1	30.9	29.5	27.5	21.6	24.2
2	18.0	13.8	13.8	27.3	29.1	28.3	28.2	31.1	28.7	27.1	21.1	23.4
3	18.7	16.1	15.9	25.7	25.7	28.4	28.8	31.0	28.9	27.9	18.9	21.4
4	19.6	16.7	18.3	22.1	25.6	28.1	29.0	30.5	28.1	27.5	18.4	16.4
5	20.0	18.0	19.5	21.3	26.0	27.6	29.2	30.1	27.3	27.2	19.0	19.1
6	22.2	16.9	20.5	20.5	26.6	29.6	30.3	30.3	28.1	26.6	18.9	19.5
7	22.2	16.3	21.7	21.9	27.4	31.2	31.3	28.4	26.9	25.7	20.7	19.6
8	22.7	17.0	21.8	22.7	29.2	31.0	30.3	28.1	25.7	25.6	21.6	20.5
9	22.4	16.7	22.7	23.8	29.9	31.1	28.9	28.6	25.9	26.1	21.9	21.3
10	23.1	17.9	23.9	25.2	27.1	31.0	28.3	29.8	24.7	28.2	23.6	21.4
11	22.5	19.4	22.6	24.1	26.1	31.8	27.5	30.6	26.7	28.5	24.7	21.8
12	22.9	20.3	18.6	23.6	26.3	30.9	26.6	31.0	27.3	28.5	21.6	21.2
13	23.3	20.7	18.6	25.2	25.7	25.0	28.8	31.6	26.2	25.8	18.5	18.1
14	24.2	21.1	19.4	27.5	25.7	23.2	28.8	31.5	25.8	22.3	19.1	15.2
15	23.9	20.2	20.1	24.8	26.4	25.7	29.3	32.0	24.5	20.6	21.3	17.5
16	22.7	18.0	21.7	20.5	26.8	25.7	26.6	31.4	24.3	19.9	22.4	18.8
17	21.7	18.1	20.4	22.0	28.1	25.3	27.1	31.2	24.6	20.6	20.3	20.4
18	18.3	19.0	20.2	23.1	25.9	25.9	29.9	30.0	25.2	21.0	18.3	20.8
19	14.7	20.8	21.1	25.3	22.6	26.4	30.2	28.8	25.0	21.6	20.0	21.7
20	14.1	22.9	21.4	27.1	24.5	28.8	30.2	28.9	25.7	22.7	19.6	22.8
21	15.4	21.1	23.2	27.1	22.3	30.7	30.0	28.2	26.4	24.7	17.2	18.9
22	17.4	18.3	23.8	26.7	22.7	30.3	29.9	28.7	26.8	24.9	17.3	17.9
23	19.2	18.9	23.6	27.0	25.2	30.7	30.0	27.3	26.7	25.0	18.7	18.9
24	19.6	17.5	20.5	30.5	27.8	29.9	30.4	27.2	27.3	25.9	20.1	17.7
25	18.2	16.2	18.3	31.8	30.1	29.8	30.1	27.5	29.7	26.0	20.4	17.7
26	15.5	15.2	17.7	30.4	31.6	30.1	30.7	28.5	28.9	25.9	22.5	19.7
27	13.2	13.9	20.0	27.3	31.7	29.3	30.9	29.7	27.3	26.8	23.6	18.6
28	12.8	13.6	20.2	26.6	31.1	29.3	30.5	29.4	26.6	26.9	23.7	19.2
29	13.4	14.1	20.8	29.7	29.6	28.6	30.8	28.1	26.5	25.9	23.6	19.8
30	12.2	-99.0	20.8	29.3	29.3	28.3	31.1	28.9	27.0	21.8	24.3	21.3
31	11.6	-99.0	22.2	-99.0	28.3	-99.0	31.2	28.9	-99.0	20.3	-99.0	20.6

2001

1	18.7	17.9	18.9	24.4	24.7	27.8	29.3	31.5	28.1	25.5	25.6	22.6
2	19.2	17.8	17.6	24.9	23.8	28.9	28.9	29.6	25.5	26.9	26.3	22.8
3	20.8	18.1	19.4	26.0	25.2	28.5	29.4	28.1	25.9	26.3	26.1	22.0
4	21.1	17.6	18.3	25.8	25.7	31.1	30.3	27.6	25.8	24.9	26.2	22.4
5	22.1	18.1	19.5	25.5	27.7	29.4	29.8	26.6	26.7	23.7	25.6	22.3
6	22.2	20.1	20.7	24.7	30.3	29.9	31.5	26.7	27.5	26.2	23.8	23.4
7	22.2	20.3	21.9	25.5	31.9	30.4	31.2	27.1	29.8	27.4	20.3	20.0
8	22.2	17.7	20.7	29.3	31.5	30.7	30.2	28.9	29.9	27.9	22.2	19.4
9	23.0	16.2	16.5	32.4	30.2	31.5	29.4	28.9	27.0	25.3	24.2	21.1
10	19.7	14.0	17.2	30.7	24.1	30.4	29.3	26.5	26.4	23.9	22.8	20.5
11	17.3	15.8	17.9	23.1	24.1	30.3	30.6	28.4	23.8	25.7	21.7	19.3
12	18.5	18.2	16.9	18.7	24.3	29.7	31.9	29.1	27.2	26.2	20.2	20.3
13	18.7	18.4	16.7	19.7	25.6	28.8	31.5	28.9	26.6	26.8	19.6	20.0
14	18.0	15.6	19.5	20.7	26.4	28.6	31.4	27.8	27.4	26.4	17.7	17.3
15	16.4	14.7	21.6	22.4	26.6	29.5	30.0	28.5	28.0	26.8	15.1	15.3
16	14.0	17.0	23.9	23.8	24.6	31.3	30.2	26.3	28.2	26.0	19.0	18.5
17	15.3	16.0	23.6	25.1	25.2	30.0	29.8	27.5	28.2	24.6	18.9	19.7
18	17.3	17.6	23.3	26.2	28.1	31.7	30.2	28.3	28.5	24.8	20.1	20.2
19	19.2	18.9	23.1	31.4	26.8	33.1	31.5	28.6	28.6	24.5	21.8	18.7
20	20.3	20.1	24.2	31.0	28.8	32.5	29.5	28.7	28.3	25.8	20.3	18.3
21	21.3	20.5	23.7	32.4	30.3	30.2	27.2	28.6	28.2	26.3	19.1	15.4
22	22.1	21.2	24.6	27.6	30.0	26.8	28.8	28.7	25.9	26.8	19.3	14.4
23	22.9	22.1	26.9	24.7	29.7	27.7	29.5	30.5	25.9	25.7	19.2	14.5
24	23.5	22.7	27.2	23.9	30.9	28.0	29.5	31.8	25.7	24.1	20.7	15.5
25	27.3	19.0	27.2	22.5	30.8	29.3	30.2	29.2	26.9	24.2	20.1	15.7
26	20.0	17.4	22.4	22.4	28.6	29.0	30.7	27.3	27.2	25.9	19.9	16.1
27	16.2	18.1	22.8	25.4	26.8	29.0	29.7	28.1	26.9	26.7	19.7	16.3
28	15.0	18.5	22.5	27.4	25.2	29.8	30.0	26.4	26.8	24.2	21.2	16.3
29	14.5	-99.0	21.5	27.9	27.5	29.0	31.1	26.9	26.6	21.2	21.1	17.7
30	17.0	-99.0	21.6	28.7	29.4	28.7	31.8	27.7	26.7	22.0	21.7	16.2
31	17.9	-99.0	22.9	-99.0	27.6	-99.0	32.7	28.6	-99.0	24.2	-99.0	16.8

2002

1	18.9	16.7	23.1	24.0	27.6	30.6	31.2	29.5	25.9	26.0	26.2	21.9
2	19.1	13.2	23.0	24.7	26.2	32.6	29.9	28.9	26.5	26.1	25.3	23.6
3	18.5	14.5	22.0	25.4	27.5	28.5	29.8	30.3	26.2	26.7	24.0	23.6
4	17.5	16.7	22.0	27.3	27.0	27.4	30.3	29.8	25.9	26.7	23.1	23.5
5	17.3	16.7	21.7	28.9	26.5	28.6	31.2	29.2	25.8	26.0	21.0	24.3

6	17.9	17.7	17.6	28.8	26.7	30.1	29.6	28.7	26.6	24.6	20.7	24.8
7	18.7	19.1	17.4	27.2	27.7	30.4	29.9	29.7	28.2	25.1	21.6	25.1
8	17.4	19.5	17.1	26.0	27.9	30.5	29.8	30.5	27.9	24.2	22.0	22.2
9	17.9	20.9	18.9	25.5	27.8	29.6	29.1	30.4	26.5	23.8	21.8	15.5
10	18.3	19.6	20.1	25.9	26.9	29.6	31.1	30.5	27.0	21.7	23.1	16.2
11	20.2	16.9	21.8	20.0	26.6	30.0	31.5	29.7	27.7	21.6	23.7	16.7
12	19.8	17.5	22.6	20.3	27.0	29.2	31.4	28.7	29.2	22.3	24.3	16.1
13	20.2	19.3	23.8	21.9	28.7	30.1	32.1	28.1	29.5	22.8	24.6	17.2
14	20.0	19.9	24.2	23.0	28.8	31.2	32.0	27.4	29.6	23.1	25.8	18.8
15	20.0	20.2	23.5	26.0	25.7	31.8	31.0	28.4	26.9	25.8	27.3	19.6
16	20.4	19.3	23.7	28.3	27.5	31.8	30.7	28.5	26.6	26.2	23.1	21.7
17	21.3	18.8	23.5	28.0	27.1	31.7	31.1	27.7	24.3	26.4	20.0	21.6
18	20.9	20.0	19.4	26.2	28.6	32.0	30.0	25.3	22.7	27.6	18.7	22.8
19	21.5	20.0	19.4	26.9	29.4	32.0	31.9	26.8	25.6	27.7	19.7	23.6
20	21.0	20.8	21.1	26.8	30.2	32.0	30.9	26.7	26.9	28.1	20.7	23.6
21	17.1	22.6	22.7	27.2	31.0	32.1	30.1	25.4	27.4	27.7	21.8	23.3
22	15.4	21.8	25.1	27.4	32.2	31.1	30.4	26.8	27.9	26.3	19.4	22.1
23	15.5	21.4	24.3	27.2	29.1	29.9	30.0	27.1	24.6	24.7	21.5	21.6
24	17.6	22.8	22.3	26.8	26.3	28.7	31.8	27.5	23.6	19.8	21.8	20.5
25	18.8	22.5	22.0	26.1	24.0	30.0	32.0	29.6	24.1	21.6	19.1	20.1
26	17.0	23.9	24.7	26.4	26.3	31.0	32.0	29.4	27.0	23.4	16.1	18.3
27	15.9	23.0	24.9	26.9	26.8	30.9	29.0	28.9	28.8	24.0	16.0	12.6
28	15.4	23.0	26.3	27.2	27.4	31.6	26.4	28.5	26.7	25.0	18.7	12.9
29	14.8	-99.0	25.1	27.0	30.1	31.6	25.5	27.5	25.6	26.3	20.4	14.5
30	15.0	-99.0	23.0	27.3	31.1	32.3	27.8	26.4	26.1	26.0	21.5	15.4
31	16.8	-99.0	22.7	-99.0	28.9	-99.0	29.9	26.4	-99.0	26.0	-99.0	16.3
2003												
1	16.1	20.8	23.4	28.3	24.2	26.8	29.4	32.2	29.1	26.6	24.1	20.0
2	17.4	21.3	23.5	30.0	25.1	27.9	29.3	30.2	29.0	27.1	24.6	21.1
3	15.4	19.7	25.2	31.3	26.3	27.8	28.6	28.3	28.7	27.5	24.2	21.4
4	15.9	15.0	28.5	30.3	28.6	28.3	30.0	28.6	27.1	27.4	24.4	20.8
5	15.5	16.0	28.6	22.4	32.0	29.1	29.5	30.0	25.3	26.9	25.0	21.0
6	13.1	15.5	23.7	22.3	33.1	31.7	29.8	31.9	25.2	26.9	24.0	22.6
7	13.1	17.8	18.8	23.9	33.1	31.2	31.5	31.0	25.9	25.9	24.3	23.0
8	13.6	17.9	17.9	24.2	30.0	32.4	31.6	31.4	24.7	26.1	24.6	19.8
9	15.3	20.5	15.3	24.4	28.2	31.9	30.9	31.8	26.4	27.3	24.1	17.2
10	14.4	21.2	15.3	25.4	27.5	32.9	31.7	31.3	24.8	28.1	24.3	17.7
11	14.8	22.8	18.4	27.1	28.2	33.0	30.6	31.0	23.8	29.3	22.1	17.8
12	14.5	23.5	20.3	32.1	28.0	31.3	30.1	30.5	25.7	29.9	22.6	16.2
13	15.2	20.0	22.8	30.8	28.0	32.7	30.3	29.9	25.9	28.5	19.8	16.5
14	16.1	19.1	22.9	23.8	27.9	29.7	27.6	31.7	26.9	25.2	21.3	16.4
15	17.7	21.2	23.0	23.0	30.3	27.6	28.3	31.4	28.2	20.7	21.9	17.4
16	17.7	22.2	22.9	24.5	31.7	26.2	30.6	30.1	28.4	20.4	24.1	17.0
17	18.6	22.1	24.6	26.3	32.5	28.3	30.4	26.8	28.5	23.7	22.9	18.7
18	18.5	23.4	23.8	27.6	32.0	28.6	30.7	27.4	28.2	24.3	22.7	19.4
19	19.3	22.3	22.9	26.7	27.7	30.6	31.5	27.0	28.1	24.4	24.7	18.8
20	17.9	23.3	18.4	27.2	27.8	31.2	30.4	27.4	28.2	24.6	25.5	17.5
21	18.4	23.1	17.9	26.3	27.8	31.8	29.5	29.3	28.1	24.5	24.9	16.0
22	18.6	24.2	18.3	26.6	29.2	30.9	27.4	29.5	27.7	24.8	23.4	16.4
23	20.6	23.9	19.1	25.9	29.0	30.6	29.7	27.9	27.3	24.8	21.0	17.1
24	21.2	23.8	19.1	26.9	31.4	31.3	29.4	27.6	26.7	23.3	22.4	19.5
25	22.1	23.9	19.6	26.8	29.7	32.5	29.7	28.9	26.4	24.3	23.2	20.1
26	21.4	24.3	20.8	26.9	31.1	32.5	30.2	30.0	26.4	25.0	22.1	21.2
27	18.6	23.8	21.7	26.6	31.9	32.0	29.8	30.5	27.0	24.8	22.9	20.3
28	16.4	23.5	22.5	26.4	30.9	30.9	28.7	29.7	27.4	25.2	21.4	17.8
29	16.9	-99.0	23.6	26.1	27.4	29.7	28.6	28.7	27.6	25.0	19.8	18.4
30	18.6	-99.0	24.7	24.0	26.4	29.5	31.1	28.5	27.0	24.7	18.6	19.2
31	19.0	-99.0	27.1	-99.0	27.1	-99.0	30.8	29.0	-99.0	24.7	-99.0	20.4
2004												
1	19.8	20.2	28.1	22.6	27.5	26.2	31.4	26.2	29.6	26.8	23.8	21.0
2	19.9	21.3	23.9	22.9	28.1	26.7	32.8	27.3	28.0	22.9	23.2	21.0
3	20.1	20.2	19.5	21.5	28.0	27.6	32.2	27.9	26.9	21.0	23.7	22.1
4	20.2	15.7	18.1	21.6	26.4	28.0	31.8	30.3	29.0	23.4	24.3	20.4
5	19.8	12.0	17.4	22.3	21.5	28.9	31.8	30.4	30.2	24.0	23.4	20.1
6	20.2	11.1	18.1	24.7	22.8	28.4	30.6	29.3	30.3	24.7	23.9	20.4
7	21.1	11.5	16.7	25.5	24.6	27.4	31.2	28.7	28.8	24.0	24.6	21.0
8	20.5	11.4	17.6	20.9	25.4	27.6	31.4	28.4	26.9	24.2	24.1	17.3
9	20.7	12.2	18.0	18.3	26.6	27.4	31.2	28.7	23.3	24.3	24.5	17.0
10	22.0	13.3	20.2	20.9	28.8	27.2	29.2	29.3	22.7	25.0	25.5	17.7
11	22.6	16.5	20.5	23.2	31.5	26.0	29.6	29.8	24.4	25.6	25.3	19.3
12	20.9	17.6	21.6	26.9	32.1	26.3	29.7	30.6	25.0	24.9	25.9	19.3
13	19.5	18.0	22.1	24.7	30.3	25.6	29.3	29.8	26.2	25.0	24.2	17.2
14	18.9	16.6	22.1	23.9	28.1	26.7	29.4	27.2	26.4	25.3	25.8	18.9
15	22.0	17.5	22.1	24.2	28.6	27.8	29.7	29.2	26.0	25.5	24.9	19.1
16	21.9	17.7	22.5	22.6	28.4	29.0	29.5	28.3	26.3	25.3	18.2	19.3
17	22.5	19.1	23.1	22.8	24.4	29.4	31.4	27.5	26.4	24.5	16.4	20.7
18	22.5	18.4	23.0	23.4	24.4	30.2	31.9	26.8	26.5	25.0	18.6	20.3

19	19.3	19.7	24.1	22.7	25.4	31.1	31.3	27.9	24.5	25.6	20.5	21.0
20	17.0	20.4	23.4	24.7	24.1	31.5	30.2	27.9	25.6	25.3	21.3	20.3
21	13.8	21.5	23.4	25.6	25.8	31.5	29.1	28.0	26.4	25.3	22.1	21.0
22	12.8	21.6	23.7	25.8	26.1	31.3	25.9	28.7	26.1	24.5	21.5	21.1
23	14.0	22.2	23.3	26.8	26.4	31.7	25.7	29.6	26.3	23.0	21.3	20.0
24	12.0	21.3	21.1	26.9	26.7	31.1	25.7	30.1	26.4	22.2	21.3	20.0
25	14.0	21.9	20.3	27.2	26.7	31.9	26.0	30.5	25.9	23.3	22.7	20.8
26	15.8	20.1	19.5	26.9	28.9	32.0	26.3	31.4	26.3	23.6	21.9	20.9
27	17.1	21.3	20.1	26.0	29.7	30.8	26.6	30.9	27.0	24.4	18.5	21.1
28	14.3	22.2	20.7	26.4	29.4	29.8	27.8	29.1	26.0	23.3	18.0	18.1
29	16.2	23.6	22.0	26.5	30.7	30.5	27.5	26.8	26.0	23.6	19.8	17.1
30	17.4	-99.0	21.3	26.6	30.2	31.4	28.2	27.1	26.6	23.4	20.7	18.0
31	18.9	-99.0	21.6	-99.0	28.2	-99.0	27.7	29.0	-99.0	23.5	-99.0	12.4
2005												
1	11.1	18.3	16.0	22.9	30.5	30.9	29.7	29.9	28.1	26.8	19.4	22.1
2	14.3	17.6	16.7	19.7	28.9	31.9	30.7	29.9	28.8	26.8	21.9	22.9
3	16.8	17.8	15.4	19.8	28.5	32.6	29.8	30.7	29.1	26.8	24.5	22.5
4	16.7	18.8	15.0	21.0	28.2	32.5	29.7	30.7	25.7	25.1	25.2	21.7
5	16.9	20.3	16.2	20.0	31.2	33.5	29.3	30.3	25.6	25.3	25.8	18.0
6	17.3	21.3	15.4	21.8	27.7	32.5	29.5	30.3	25.5	26.0	25.6	16.5
7	17.8	22.6	16.4	22.6	25.8	28.2	31.0	28.7	26.9	24.9	25.8	12.1
8	19.0	22.9	18.1	26.7	26.0	28.2	32.2	29.5	26.2	26.7	26.2	13.7
9	18.6	22.7	19.6	32.2	28.1	30.4	31.7	29.7	26.1	25.0	25.7	16.4
10	17.1	22.5	20.6	32.1	31.1	30.5	32.2	28.2	25.9	26.0	26.1	18.8
11	16.3	19.8	22.2	27.6	32.1	31.4	30.3	26.1	25.8	25.0	26.3	20.2
12	15.6	18.8	21.6	23.2	31.8	32.0	29.0	29.2	26.7	24.1	26.4	17.8
13	13.5	21.0	15.6	19.9	32.5	31.9	30.0	29.3	28.0	26.3	26.1	14.9
14	10.8	23.3	16.4	20.0	32.3	32.4	30.0	29.7	27.1	26.4	25.9	14.4
15	12.8	25.7	19.1	21.5	32.1	32.7	29.8	29.1	26.8	26.1	25.5	17.1
16	14.9	27.1	19.5	22.8	32.4	31.1	29.1	28.6	27.6	25.8	25.2	15.1
17	16.8	24.1	20.4	23.5	32.7	31.7	28.8	28.0	27.8	25.3	22.8	17.0
18	17.2	19.9	20.2	25.3	31.6	32.2	31.4	27.9	27.4	25.3	23.5	18.2
19	18.6	16.8	19.7	25.4	31.6	32.7	33.3	27.7	27.9	26.1	20.0	14.3
20	19.2	14.9	19.5	25.6	29.9	33.5	33.0	28.9	27.4	26.8	15.9	15.6
21	20.5	13.6	21.1	25.2	27.9	33.6	31.2	30.4	27.3	26.1	18.1	17.1
22	20.2	14.9	22.0	26.0	30.3	32.1	30.1	30.2	27.4	26.8	18.1	16.7
23	20.1	18.4	21.2	26.6	27.6	30.6	29.8	30.0	28.1	26.3	19.0	15.4
24	21.4	20.1	17.6	26.6	31.3	30.8	27.3	29.8	28.0	23.5	18.4	18.2
25	22.7	20.6	15.8	26.3	30.1	30.7	26.3	27.1	28.1	21.8	19.7	18.4
26	21.9	21.1	18.4	25.7	31.0	31.3	25.7	26.4	25.6	24.7	20.1	19.0
27	21.4	19.4	20.1	26.5	32.7	31.1	27.8	27.0	26.1	25.1	21.9	18.5
28	22.3	16.5	22.0	25.8	32.3	31.8	27.8	27.7	27.6	26.1	21.1	16.8
29	22.4	-99.0	23.4	31.1	29.3	29.0	28.4	27.0	26.8	25.3	22.2	17.0
30	22.3	-99.0	24.1	30.8	26.2	28.2	27.3	25.1	26.9	20.0	22.3	18.6
31	21.0	-99.0	24.3	-99.0	28.2	-99.0	26.7	27.7	-99.0	19.0	-99.0	19.1
2006												
1	19.7	21.6	15.0	23.5	27.4	29.9	29.3	27.1	29.2	27.5	25.7	23.5
2	20.2	22.1	15.7	23.6	27.3	30.3	27.2	28.3	30.1	26.3	22.9	19.5
3	20.7	21.4	16.1	24.3	27.8	31.5	26.2	29.6	30.6	26.8	22.2	18.4
4	21.0	21.3	17.4	28.0	27.4	31.4	26.9	30.0	30.8	25.6	21.9	18.1
5	21.5	19.6	19.9	28.4	29.8	31.8	28.9	30.3	30.7	26.3	22.9	18.7
6	16.9	19.4	20.1	27.3	31.2	32.5	31.1	30.2	28.2	26.7	24.3	20.9
7	12.8	19.2	20.7	25.4	31.1	33.0	31.3	30.0	30.4	26.9	25.9	23.2
8	13.4	19.1	21.4	25.7	30.0	33.4	31.5	29.6	30.9	27.2	23.1	23.9
9	12.3	20.0	22.1	25.6	28.1	33.9	31.4	28.0	28.2	27.3	24.6	24.7
10	14.4	18.6	23.3	30.7	29.5	30.9	31.0	29.7	23.1	25.8	25.4	23.4
11	15.6	18.0	24.2	32.1	28.0	30.0	31.0	28.8	24.7	25.9	24.9	19.7
12	17.4	18.5	23.1	32.2	27.7	32.9	30.7	27.6	23.5	26.2	25.2	20.5
13	19.1	20.3	19.1	27.9	26.1	32.9	31.6	26.4	25.5	26.5	24.1	20.9
14	19.3	21.9	14.9	21.3	21.2	33.4	32.4	27.6	25.9	26.4	24.3	20.3
15	22.4	22.0	16.1	19.1	23.3	31.0	31.3	26.5	25.7	26.9	25.9	19.7
16	22.2	22.0	18.7	20.0	23.9	32.6	31.3	26.8	26.2	26.3	25.2	21.5
17	22.4	21.3	21.1	20.4	25.3	31.8	30.0	28.9	26.6	26.0	24.7	19.0
18	23.0	17.2	21.9	23.0	25.2	30.2	30.0	30.2	27.1	25.8	25.2	15.8
19	22.3	17.0	22.4	24.7	26.2	29.3	30.2	29.3	26.6	26.5	25.4	16.0
20	20.5	17.2	22.8	25.2	24.8	29.2	29.7	29.2	25.0	25.9	25.6	18.0
21	17.1	18.4	23.5	25.8	25.7	28.5	29.8	28.3	25.1	25.7	26.3	17.2
22	14.9	19.4	24.5	27.7	25.2	29.0	30.3	27.6	26.4	26.0	25.6	17.2
23	14.4	18.1	25.0	28.0	26.1	29.0	29.3	28.0	26.4	25.0	25.5	16.8
24	13.6	17.9	22.0	27.8	27.2	28.6	30.0	27.8	25.5	26.1	25.8	17.6
25	15.3	18.3	20.3	27.4	29.3	29.7	30.9	27.7	25.7	25.8	26.2	18.9
26	15.7	18.8	20.6	28.8	30.0	29.1	29.8	29.1	26.2	27.2	26.9	19.4
27	17.1	19.4	21.0	28.9	30.5	30.1	30.5	29.6	26.8	26.9	26.9	21.0
28	17.2	18.2	20.8	28.2	29.2	30.8	30.0	29.3	26.1	25.2	25.5	20.2
29	18.0	-99.0	20.4	22.0	28.2	30.2	29.8	26.6	26.8	25.2	25.1	19.2
30	19.7	-99.0	19.9	23.5	28.9	30.4	28.3	27.1	25.8	25.5	25.6	18.8
31	20.4	-99.0	21.7	-99.0	30.3	-99.0	28.5	27.9	-99.0	25.7	-99.0	17.8

## 2007

1	19.0	17.3	24.0	32.2	23.8	31.3	30.9	29.2	29.8	26.9	21.3	20.2
2	21.0	16.6	24.1	31.8	24.1	32.2	31.2	30.3	30.2	25.3	18.4	19.8
3	20.5	15.9	24.7	20.0	25.2	32.0	30.1	30.0	29.3	25.0	17.6	21.5
4	20.6	16.9	24.9	17.9	25.5	30.7	29.0	29.6	28.6	26.6	16.9	21.2
5	17.4	18.3	24.6	18.2	22.0	31.6	29.1	27.3	26.1	26.5	19.4	20.3
6	15.1	19.8	22.8	19.5	23.2	31.9	30.9	27.2	27.3	26.2	19.7	20.4
7	14.0	20.1	17.8	19.8	23.8	32.4	30.8	25.5	28.4	27.5	20.1	19.5
8	14.9	19.9	17.7	19.6	23.2	32.9	30.8	26.4	29.2	27.4	20.6	19.2
9	16.5	20.8	18.7	19.9	23.3	33.2	31.6	28.2	28.9	25.6	22.0	20.5
10	17.2	20.2	19.9	20.0	25.1	31.2	31.2	28.9	28.3	24.9	22.1	21.7
11	18.2	22.0	20.7	21.3	25.3	29.2	32.9	28.8	25.6	24.2	22.2	21.5
12	19.4	21.4	20.9	21.5	25.7	29.3	33.1	30.5	26.4	25.7	21.6	22.0
13	20.0	22.3	22.6	22.2	21.3	30.5	33.4	31.5	25.8	27.1	22.7	21.7
14	19.5	22.6	24.9	23.4	22.8	28.9	33.0	32.3	26.4	26.5	24.0	22.6
15	19.2	24.0	27.3	24.7	26.1	28.8	32.9	29.2	26.2	24.9	24.1	23.2
16	19.6	25.7	25.2	24.7	27.3	30.4	32.3	28.8	27.0	23.1	22.2	24.3
17	20.4	25.0	24.9	26.3	27.2	31.1	32.2	28.0	27.6	22.2	22.6	22.9
18	18.0	23.7	22.3	23.6	28.3	30.3	32.5	28.7	25.4	22.6	23.2	23.6
19	15.7	23.9	18.5	21.5	29.1	29.8	32.4	28.5	26.4	24.0	21.7	23.0
20	15.9	24.5	17.4	24.4	29.4	29.2	31.5	28.7	24.7	24.8	20.2	22.8
21	16.6	24.2	18.6	26.8	31.2	28.9	31.1	30.3	24.8	23.0	19.2	23.3
22	15.5	24.6	20.5	30.0	31.3	28.5	30.7	30.0	23.4	24.5	21.5	23.9
23	16.1	24.3	22.7	32.7	32.2	29.4	30.4	30.2	25.2	24.6	21.6	24.1
24	15.0	23.9	24.2	29.6	32.9	29.1	30.6	30.7	25.5	24.3	21.3	20.9
25	16.1	24.1	24.5	24.2	30.3	30.1	29.5	28.8	23.9	25.5	20.6	19.3
26	16.6	24.1	26.9	24.5	27.7	31.2	29.7	28.7	26.8	26.0	20.6	19.5
27	16.7	24.0	25.7	25.3	27.3	31.1	28.5	28.0	26.9	24.5	19.3	21.6
28	16.9	23.9	25.2	25.5	27.5	30.6	28.8	26.4	26.2	23.8	17.6	21.3
29	15.5	-99.0	25.8	25.2	27.9	31.9	28.6	26.3	25.5	25.1	17.0	20.0
30	16.1	-99.0	26.9	22.8	29.9	31.4	28.8	27.0	26.9	24.0	18.1	18.1
31	16.9	-99.0	29.1	-99.0	31.0	-99.0	28.4	29.5	-99.0	23.2	-99.0	18.8

## 2008

1	16.9	12.2	14.0	23.0	27.0	27.6	30.8	30.6	27.1	24.3	28.0	18.4
2	16.2	11.5	15.4	20.8	28.7	28.2	31.2	29.2	28.3	25.7	27.5	17.5
3	15.7	10.8	16.1	20.7	29.8	28.2	31.3	28.6	29.6	27.0	24.3	19.0
4	17.0	12.5	16.9	22.7	29.8	28.4	31.1	29.2	30.1	27.5	22.8	20.0
5	17.1	14.2	18.3	24.4	29.3	28.3	32.2	29.5	28.5	27.5	25.1	20.9
6	19.3	14.6	18.4	25.7	27.0	28.6	29.8	30.1	26.9	24.9	26.0	17.3
7	19.0	13.7	18.8	27.4	27.3	29.2	28.8	29.6	26.6	26.0	26.0	16.5
8	19.2	13.7	19.3	31.6	29.3	30.5	27.8	29.6	26.6	27.1	22.9	16.6
9	21.3	12.9	19.6	32.1	29.0	28.9	29.3	29.4	27.4	26.7	21.7	16.8
10	21.2	12.8	18.6	29.8	25.3	29.5	30.5	28.2	25.2	26.8	23.1	17.9
11	21.8	12.8	20.0	29.0	24.1	29.5	31.4	27.3	25.2	27.0	21.4	19.1
12	22.4	10.7	20.8	28.5	25.1	30.3	31.4	28.1	25.8	26.3	21.0	19.1
13	21.8	12.0	21.6	26.6	24.0	30.2	30.9	30.0	26.3	25.3	21.4	19.3
14	21.5	11.1	21.8	25.0	25.0	30.4	31.7	30.2	26.5	22.8	20.8	21.1
15	18.2	11.8	22.5	25.7	25.4	29.4	32.3	32.0	26.4	23.5	22.4	21.1
16	15.6	13.0	23.6	25.7	25.7	30.2	31.2	32.9	28.0	25.8	23.3	18.7
17	12.9	12.6	24.1	24.9	27.2	29.4	30.7	31.9	28.2	25.9	24.3	19.6
18	14.3	13.2	23.6	25.7	29.5	28.9	30.4	30.6	28.5	26.3	24.6	19.4
19	17.9	13.4	22.6	25.9	25.2	30.0	30.7	25.3	27.3	25.0	23.8	19.6
20	19.8	13.5	23.7	28.1	22.8	30.6	31.0	27.8	27.8	25.7	18.2	19.7
21	21.8	14.8	24.9	28.4	25.0	31.1	32.3	29.5	28.0	26.1	19.1	20.0
22	21.2	16.3	24.1	26.8	27.1	31.5	32.8	31.2	28.3	26.3	20.9	21.3
23	17.2	18.7	20.7	25.5	27.6	33.3	32.3	31.2	29.1	26.8	22.2	18.1
24	16.0	19.3	19.7	20.9	28.5	32.7	30.9	29.8	30.5	26.9	22.4	15.4
25	15.4	19.8	20.9	20.4	30.8	31.6	29.1	30.7	31.1	26.5	20.2	16.5
26	15.6	18.5	20.4	21.7	31.2	32.3	28.3	30.3	30.4	25.4	20.9	16.9
27	16.2	13.8	20.7	24.3	31.3	32.0	28.2	30.1	26.6	27.0	22.8	17.1
28	17.1	13.9	23.3	24.5	30.1	29.9	29.2	29.6	26.0	26.0	21.0	18.9
29	16.9	14.4	27.4	23.7	27.6	29.1	29.7	31.3	26.6	25.7	17.9	20.7
30	16.5	-99.0	27.1	25.6	28.0	28.5	30.9	31.3	26.3	26.2	17.7	19.7
31	14.7	-99.0	24.7	-99.0	25.3	-99.0	30.9	30.6	-99.0	27.6	-99.0	17.9

## 2009

1	15.8	17.6	23.7	19.6	24.8	28.0	32.5	-99.0	28.4	27.5	25.3	21.2
2	14.3	19.0	20.3	19.7	24.7	-99.0	32.4	-99.0	27.9	27.7	25.3	20.7
3	15.6	19.8	20.3	20.9	24.2	30.0	-99.0	29.5	26.3	-99.0	23.0	21.8
4	17.2	20.0	22.7	22.8	23.2	28.4	-99.0	31.0	25.5	-99.0	20.6	20.1
5	18.1	20.2	23.9	23.2	23.9	29.9	-99.0	31.5	25.6	26.8	22.3	21.2
6	19.0	20.0	19.8	20.0	25.1	29.8	28.9	31.0	27.9	-99.0	22.4	20.4
7	19.9	19.0	17.6	20.4	26.7	31.0	-99.0	28.6	28.8	26.1	23.6	-99.0
8	18.9	19.5	18.3	21.3	27.8	31.7	-99.0	25.4	28.4	25.3	25.5	22.2
9	15.6	19.5	19.4	22.4	28.1	32.4	-99.0	25.6	28.5	26.1	26.0	22.1
10	15.2	19.9	20.5	24.1	28.1	32.3	-99.0	26.4	28.6	26.8	26.6	21.4
11	14.6	20.0	22.0	25.7	28.1	31.8	31.6	27.5	28.1	27.1	28.0	21.2
12	15.8	23.8	23.3	26.1	27.8	31.8	27.9	28.1	29.8	26.5	28.3	22.5

13	16.5	28.5	23.1	26.8	26.9	31.5	29.3	28.9	28.6	-99.0	24.2	22.6
14	14.0	26.9	17.0	26.3	27.5	32.0	29.2	-99.0	29.2	25.7	21.8	22.6
15	15.5	22.7	16.9	27.6	27.4	30.6	29.4	-99.0	30.4	24.3	23.3	23.6
16	15.5	22.8	19.4	29.9	28.2	28.5	26.8	-99.0	29.8	23.9	22.8	22.5
17	17.3	23.9	21.0	27.0	28.1	28.2	28.8	28.0	29.8	25.3	17.5	19.7
18	18.6	22.9	22.6	28.7	28.8	31.1	28.7	27.6	29.6	25.5	14.0	16.6
19	18.6	23.9	24.0	32.4	27.7	31.4	30.7	28.7	30.6	25.0	14.2	15.3
20	19.4	24.5	24.5	29.5	27.9	31.6	30.7	28.3	31.4	25.9	14.5	13.8
21	20.5	24.1	26.6	25.6	27.0	32.2	28.0	28.7	30.3	25.5	15.1	14.2
22	20.7	25.1	28.1	25.8	26.7	32.2	28.7	-99.0	26.7	25.4	15.4	16.5
23	19.6	27.6	29.5	27.0	26.5	31.4	30.7	-99.0	25.5	25.0	17.4	18.2
24	17.1	26.5	27.3	29.2	27.6	31.8	31.6	28.4	24.7	-99.0	18.6	20.5
25	14.0	25.6	23.8	25.1	27.9	32.7	31.9	28.8	27.0	-99.0	20.3	21.6
26	14.9	24.9	22.8	22.8	28.0	31.1	32.1	-99.0	25.7	25.8	22.2	22.7
27	13.6	24.3	23.6	22.3	28.9	31.1	32.0	29.8	26.6	25.6	22.0	22.8
28	15.5	24.9	25.3	23.6	31.1	29.8	31.9	28.9	26.7	24.8	-99.0	17.5
29	16.4	-99.0	25.3	23.6	27.8	30.7	30.1	-99.0	26.2	24.7	21.8	18.5
30	16.1	-99.0	22.7	23.9	23.1	32.5	28.0	-99.0	26.3	24.1	21.0	19.5
31	16.5	-99.0	20.9	-99.0	26.0	-99.0	28.8	-99.0	-99.0	24.3	-99.0	20.1
2010												
1	20.8	22.6	25.2	24.6	26.2	33.0	29.5	29.3	27.5	25.8	18.9	20.4
2	20.9	23.4	29.7	24.5	26.4	30.6	29.7	27.7	28.5	26.9	19.5	20.1
3	20.2	23.1	29.4	21.9	26.8	24.8	30.7	28.6	27.3	27.1	23.7	21.7
4	20.4	24.0	28.9	23.2	28.2	25.6	32.2	28.9	29.4	25.5	22.3	20.4
5	22.2	23.0	30.1	24.3	31.7	27.2	32.4	28.7	30.1	22.4	21.9	22.1
6	22.3	23.8	30.2	25.8	33.6	27.9	33.5	27.8	29.8	22.9	-99.0	22.5
7	20.3	23.8	24.0	24.7	32.6	29.5	33.7	28.6	31.0	27.9	22.3	23.3
8	18.0	23.9	21.9	21.8	31.7	31.7	32.4	27.7	30.9	28.4	22.0	18.2
9	19.3	25.1	17.2	22.6	32.2	32.4	33.2	27.4	30.3	27.9	22.1	18.7
10	20.9	27.8	15.2	26.0	27.8	32.1	33.0	27.9	31.3	26.7	22.9	20.8
11	21.3	27.4	16.3	30.5	27.1	32.3	32.2	29.2	30.2	27.7	21.7	22.2
12	17.7	22.6	18.2	31.6	28.3	32.5	32.2	29.1	28.9	27.8	22.3	23.8
13	13.9	19.2	20.5	28.0	28.3	33.1	31.7	28.8	28.4	27.9	21.5	25.4
14	14.7	19.8	25.7	26.9	30.2	33.4	29.6	29.6	28.1	26.8	22.4	24.2
15	16.4	19.1	24.8	24.0	29.0	33.1	29.5	29.8	27.7	26.1	23.4	25.5
16	-99.0	17.2	22.8	19.2	29.5	32.9	28.7	29.2	25.9	24.6	24.3	16.6
17	17.1	15.5	19.8	20.3	29.9	34.0	26.7	29.1	26.9	22.5	22.6	14.0
18	16.9	13.6	20.3	22.9	29.5	33.8	28.9	28.9	27.1	24.1	21.6	16.2
19	18.5	12.2	22.0	25.6	31.0	32.8	30.3	28.7	27.8	25.4	22.8	18.1
20	18.9	14.2	22.9	28.7	33.5	32.5	30.7	27.7	29.9	25.0	21.6	20.5
21	20.4	16.7	23.5	31.2	33.7	30.2	30.0	26.7	31.2	23.8	22.5	20.5
22	21.2	18.8	24.5	29.5	32.7	30.0	29.2	27.7	29.9	23.2	23.7	20.3
23	18.1	19.9	25.8	22.1	31.3	30.3	28.7	26.9	27.8	23.0	23.8	20.7
24	17.8	24.9	26.3	21.2	26.8	31.2	30.2	26.5	27.2	24.8	23.5	21.8
25	18.0	28.8	19.4	23.2	27.4	31.2	29.8	28.9	27.2	25.9	23.3	21.9
26	16.9	29.0	19.7	25.0	29.9	33.1	28.5	29.7	28.1	25.6	-99.0	16.1
27	18.6	28.0	17.8	22.7	31.2	33.1	26.7	29.0	26.6	24.0	-99.0	16.9
28	20.2	25.9	19.0	23.4	-99.0	32.9	28.9	26.4	26.8	18.0	-99.0	17.2
29	19.9	-99.0	20.6	24.4	-99.0	33.1	30.5	26.5	27.2	18.5	22.9	18.8
30	-99.0	-99.0	22.2	25.8	-99.0	30.9	31.1	26.6	26.4	21.8	23.7	20.3
31	22.4	-99.0	25.0	-99.0	32.4	-99.0	31.3	27.5	-99.0	21.7	-99.0	20.0
2011												
1	19.0	12.7	20.7	17.9	27.3	27.3	27.8	28.3	30.6	23.1	24.6	22.0
2	20.0	12.4	20.2	19.5	28.0	28.5	30.4	26.3	30.0	23.5	24.8	16.6
3	20.5	15.1	18.4	20.6	28.4	29.1	31.4	27.4	29.4	22.1	23.2	17.2
4	18.0	16.9	16.9	21.1	25.3	31.1	30.6	30.3	28.7	21.6	23.2	19.5
5	16.6	18.2	17.5	19.8	24.9	31.0	30.1	32.1	27.8	20.2	25.2	19.7
6	17.7	18.0	19.5	20.0	26.3	31.0	31.8	29.5	29.0	20.3	25.9	19.5
7	14.4	19.1	18.6	21.4	30.0	31.5	33.7	27.4	29.9	21.4	26.3	20.3
8	13.5	19.1	15.9	22.3	31.2	32.1	31.0	29.6	29.2	22.3	24.6	20.2
9	15.1	20.7	16.8	20.6	30.5	32.5	30.3	29.7	27.1	24.5	23.5	16.5
10	11.6	20.4	16.4	20.7	30.3	32.4	31.5	28.2	26.8	25.7	21.4	14.6
11	11.9	21.1	17.1	19.8	31.2	32.3	31.3	28.7	25.6	25.8	21.1	13.3
12	10.4	17.8	17.8	20.9	30.6	31.2	30.2	29.9	25.8	26.1	21.9	14.7
13	12.8	16.0	19.0	21.5	25.3	31.0	29.1	29.5	26.0	25.3	22.2	14.6
14	15.2	14.3	20.2	23.1	25.8	31.7	27.8	29.5	27.3	25.2	22.4	17.5
15	15.3	14.8	20.7	23.6	26.6	32.3	27.0	28.5	27.2	24.7	22.9	17.2
16	13.1	16.5	13.6	24.7	26.5	33.2	28.8	26.9	27.2	23.6	23.8	16.4
17	13.4	17.1	11.7	25.1	25.5	32.0	29.8	26.7	27.4	23.1	24.4	14.4
18	14.0	17.3	13.1	24.1	25.6	30.5	30.9	26.4	27.8	24.2	23.6	15.1
19	14.7	17.2	16.2	23.0	25.2	29.6	30.6	27.4	27.0	23.7	23.9	15.5
20	15.4	16.4	19.0	22.7	27.7	29.1	30.0	26.9	26.2	22.2	24.2	16.5
21	13.5	16.3	20.3	25.0	30.0	28.4	30.1	26.7	25.6	23.9	24.7	17.8
22	13.1	17.0	19.3	24.7	31.5	31.2	31.1	27.9	26.0	24.1	24.4	17.9
23	14.4	17.7	16.0	23.3	26.9	31.7	30.7	29.4	24.9	24.7	24.3	18.8
24	13.9	19.0	15.6	22.6	24.1	27.2	29.5	29.3	24.3	24.9	22.0	16.3
25	13.1	20.4	14.5	23.4	24.4	28.8	28.5	28.6	24.5	25.4	21.2	14.4

26	14.0	21.3	14.0	23.8	25.2	30.1	29.7	27.9	23.1	24.8	22.7	15.3
27	14.0	20.3	13.7	25.9	25.0	30.2	30.2	28.2	25.0	25.3	23.5	15.9
28	14.5	20.7	14.1	26.0	25.1	29.8	29.0	28.7	26.3	25.4	23.4	16.1
29	12.0	-99.0	13.8	25.7	25.1	30.0	29.4	28.6	27.4	25.5	23.5	17.5
30	11.9	-99.0	13.6	26.1	25.7	28.3	26.2	29.8	24.4	23.7	22.7	18.6
31	12.9	-99.0	16.0	-99.0	26.3	-99.0	28.9	30.8	-99.0	24.5	-99.0	16.9

2012

1	17.1	15.9	17.7	20.5	32.7	27.7	29.0	29.8	29.3	24.0	22.6	26.2
2	17.7	16.5	18.7	21.8	33.0	28.0	27.2	30.3	27.4	25.6	23.2	23.1
3	18.9	15.8	19.4	21.5	33.2	28.4	27.5	30.3	26.9	26.3	24.3	20.7
4	16.9	-99.0	22.2	23.8	31.3	30.3	27.7	30.8	26.8	27.7	23.8	20.5
5	13.4	19.1	23.0	24.5	29.3	31.3	28.2	31.8	27.4	28.0	24.5	20.8
6	14.7	21.5	20.9	24.4	27.5	31.3	29.2	31.3	25.9	26.7	25.2	18.9
7	15.6	19.1	25.1	22.2	27.2	29.0	29.9	29.7	25.7	26.5	25.5	19.8
8	15.9	15.4	21.7	21.4	27.8	28.7	30.7	29.2	27.0	26.3	26.5	19.6
9	15.7	16.2	19.5	-99.0	28.4	30.1	30.5	29.3	27.5	25.7	26.9	21.5
10	15.9	17.0	16.8	-99.0	29.0	31.2	30.9	29.7	27.0	25.2	27.2	22.1
11	16.1	16.1	16.4	-99.0	26.8	31.8	31.4	30.2	27.4	26.4	25.4	22.6
12	15.1	16.2	15.8	-99.0	26.8	32.1	31.0	31.2	27.6	26.0	20.5	23.3
13	15.4	18.1	16.2	27.3	30.5	32.4	31.5	30.5	28.1	26.2	21.7	21.1
14	17.9	19.3	17.0	27.2	30.7	-99.0	31.8	31.0	22.5	26.3	24.0	22.7
15	18.3	20.4	18.4	28.3	26.8	29.2	31.3	29.7	21.5	25.1	24.6	23.7
16	18.6	19.5	19.7	28.6	25.5	27.6	32.6	28.9	24.4	25.0	24.8	24.3
17	19.3	16.3	21.5	26.8	26.5	29.4	32.2	27.3	26.3	24.8	22.0	24.0
18	20.1	15.3	22.8	28.6	27.8	29.6	32.0	29.5	26.9	22.8	21.9	23.9
19	21.1	-99.0	23.4	29.8	29.4	31.8	31.4	30.4	27.2	24.8	23.8	20.2
20	21.2	15.2	24.5	29.6	30.6	31.6	30.5	29.9	27.9	25.0	24.6	21.9
21	23.3	17.9	25.0	25.6	31.6	30.6	31.9	30.2	28.0	26.2	25.1	22.7
22	20.6	20.9	25.2	24.2	29.8	30.3	33.4	28.8	28.0	25.9	26.9	12.2
23	15.4	20.1	22.9	28.1	28.3	30.4	28.1	26.0	28.2	25.1	27.3	12.2
24	15.4	20.5	18.0	31.7	29.4	30.0	28.6	26.2	28.1	25.1	24.2	14.9
25	14.4	20.5	17.1	32.5	29.6	30.3	29.6	27.8	27.7	25.3	24.8	17.6
26	13.5	18.3	18.5	26.9	26.5	31.0	29.7	29.1	27.4	26.1	25.3	19.4
27	15.7	16.1	20.0	24.0	26.2	31.6	30.4	29.5	26.4	25.9	19.5	19.4
28	17.1	15.6	20.5	29.5	26.4	31.6	30.8	29.2	26.0	24.9	20.9	20.0
29	17.1	-99.0	20.7	30.3	28.0	31.2	29.9	30.5	26.9	26.8	23.6	20.9
30	16.0	-99.0	22.4	32.2	28.4	30.9	28.7	31.3	26.2	26.3	25.0	15.9
31	15.7	-99.0	20.9	-99.0	26.8	-99.0	28.1	31.1	-99.0	23.3	-99.0	12.2

7777 TUONGDUONG

1961

1	-99.0	13.8	19.9	21.2	25.6	28.9	27.7	27.3	24.7	24.5	23.6	23.4
2	-99.0	13.4	20.5	22.5	26.7	28.8	28.4	29.4	26.0	25.2	23.3	24.1
3	-99.0	13.8	22.4	24.4	25.7	26.8	28.0	28.6	26.0	25.5	22.4	24.0
4	-99.0	14.6	22.8	26.9	23.8	23.4	28.4	29.0	26.0	26.2	21.3	20.8
5	-99.0	19.0	23.5	27.5	23.3	25.6	28.6	27.6	25.5	26.4	19.8	18.0
6	-99.0	22.3	23.6	25.9	24.5	26.9	28.9	27.8	25.0	25.9	18.9	16.1
7	15.7	21.0	23.9	25.9	25.4	27.7	28.6	28.2	26.6	24.9	21.3	15.0
8	16.8	19.2	25.1	25.4	27.6	27.1	28.3	28.0	24.4	24.5	23.2	14.4
9	21.1	19.6	21.4	22.7	29.2	27.4	27.7	29.3	24.0	24.9	23.2	15.8
10	22.6	22.5	17.5	23.8	28.8	26.9	27.4	29.0	25.5	25.2	23.9	16.5
11	17.5	24.0	19.0	24.4	28.7	25.2	27.6	29.6	26.0	22.6	23.5	17.6
12	14.0	22.4	20.1	24.4	24.3	24.6	28.2	28.6	26.5	22.6	23.1	17.8
13	12.0	20.8	21.4	24.5	26.4	25.4	29.2	27.6	26.7	19.5	22.7	18.2
14	11.8	20.1	23.5	25.9	26.2	25.6	27.9	26.6	26.0	19.9	22.6	19.1
15	13.3	19.6	22.9	25.0	27.8	26.6	24.8	26.9	26.6	23.2	21.8	20.7
16	13.5	16.7	21.5	24.6	28.2	26.8	26.0	27.8	26.9	25.1	22.8	22.0
17	9.8	12.4	21.2	27.2	27.6	27.4	27.4	29.8	25.5	25.0	23.9	22.4
18	9.6	13.0	25.0	27.3	27.5	28.2	26.4	27.8	25.2	25.4	24.3	22.0
19	10.4	15.9	26.0	25.9	27.1	28.0	27.2	25.7	25.7	23.5	24.2	21.7
20	13.5	19.3	24.9	27.2	28.8	27.7	27.2	26.4	26.0	23.5	21.6	20.9
21	16.4	20.7	24.5	27.4	27.9	28.2	28.7	24.8	25.9	23.7	19.3	21.8
22	17.2	20.3	25.5	28.3	28.0	29.0	29.9	26.0	26.2	25.2	19.1	21.0
23	18.5	18.6	28.2	28.6	25.6	27.2	30.0	25.8	24.6	23.3	18.7	20.9
24	19.7	16.6	26.6	27.6	26.6	26.8	30.3	27.3	24.4	23.6	18.2	22.0
25	19.1	15.9	22.7	27.6	26.5	26.4	30.3	27.5	24.0	23.6	17.3	21.8
26	18.8	17.0	18.9	22.4	26.0	26.2	28.6	27.2	24.6	24.1	18.2	22.0
27	18.3	16.6	16.1	21.7	26.0	27.5	28.6	27.6	26.0	24.9	20.4	21.6
28	19.8	18.1	16.1	22.8	27.4	28.0	28.6	27.6	26.8	25.4	22.1	19.4
29	21.0	-99.0	18.5	23.1	25.8	25.4	27.6	26.4	25.9	25.1	23.6	16.9
30	22.4	-99.0	20.3	25.2	27.9	26.4	27.5	24.8	26.3	23.8	23.6	18.2
31	19.3	-99.0	20.0	-99.0	28.3	-99.0	27.2	24.4	-99.0	22.7	-99.0	16.0

1962

1	12.5	14.3	17.1	25.0	27.2	27.4	27.8	25.7	27.2	25.0	25.7	14.2
2	11.7	15.0	16.3	26.4	27.2	28.1	27.4	26.6	26.9	26.1	25.3	12.9
3	11.3	14.9	17.3	21.4	29.1	28.7	27.8	27.0	25.2	26.2	26.0	12.5
4	13.5	15.2	18.6	19.4	28.0	28.5	29.6	26.7	24.9	25.2	20.3	13.1
5	15.4	16.6	20.1	24.3	27.6	27.6	28.7	26.3	24.1	25.1	18.9	12.6

6	15.8	16.3	22.0	25.9	26.7	28.0	29.8	27.2	24.3	25.2	20.2	11.9
7	17.8	18.3	24.0	26.9	28.3	27.7	29.4	27.3	23.8	24.4	20.5	13.0
8	16.6	20.2	23.4	25.6	29.1	26.4	29.8	27.5	24.5	25.8	21.6	13.6
9	14.3	19.9	24.1	24.5	28.2	25.0	30.5	26.6	24.8	25.5	22.0	17.7
10	15.0	22.0	24.2	23.6	26.2	27.0	28.2	27.2	25.0	24.7	20.0	18.1
11	15.3	23.1	22.0	24.8	29.0	28.2	27.2	26.7	25.1	25.8	18.5	19.2
12	16.5	22.7	21.4	25.5	29.5	28.6	24.8	26.3	26.6	25.4	19.2	18.9
13	18.7	23.3	21.9	23.8	28.0	27.8	24.9	26.6	26.6	26.8	20.4	20.5
14	19.9	19.6	23.2	21.0	27.9	27.9	25.8	27.3	26.2	26.6	22.0	21.0
15	18.9	14.6	22.9	22.9	27.3	28.2	25.8	28.2	26.0	21.7	22.1	20.9
16	18.3	15.1	24.1	26.2	27.6	27.7	24.6	28.0	25.0	21.1	23.5	21.2
17	16.0	16.3	24.1	26.0	28.5	26.1	27.5	27.3	24.4	21.6	23.4	20.5
18	15.4	17.2	24.4	22.2	24.8	24.2	26.5	26.3	25.6	22.8	22.2	18.8
19	13.0	14.8	26.8	21.3	24.6	25.8	27.8	25.7	26.0	23.4	22.8	18.7
20	11.9	16.6	25.4	23.6	26.6	26.8	28.0	26.4	26.1	22.9	22.5	18.5
21	13.0	17.6	24.0	25.3	27.8	28.0	27.9	26.8	25.2	21.6	23.6	18.0
22	13.8	19.4	21.3	25.9	27.4	28.3	27.2	27.7	24.6	21.6	21.4	17.1
23	14.9	20.4	18.0	25.2	28.7	28.7	28.4	28.5	26.0	22.6	18.8	16.0
24	14.2	21.7	14.5	26.0	27.3	28.0	28.2	25.8	26.1	21.0	19.0	15.7
25	14.7	22.8	15.3	22.7	28.4	27.2	27.4	26.2	26.4	21.4	20.9	16.6
26	13.8	21.7	16.0	25.0	29.1	26.7	27.8	27.2	25.4	20.8	22.3	17.5
27	13.0	20.4	17.4	24.7	29.4	27.9	28.0	27.2	24.0	20.5	19.4	19.6
28	13.0	18.8	18.2	25.7	29.8	27.8	27.9	28.0	23.4	19.9	15.6	20.0
29	15.3	-99.0	17.8	24.2	29.9	26.7	27.4	28.2	23.3	21.0	14.0	18.6
30	16.2	-99.0	16.7	26.3	29.8	26.4	28.0	29.0	25.6	23.7	14.5	17.1
31	13.8	-99.0	20.4	-99.0	29.8	-99.0	27.4	24.8	-99.0	25.3	-99.0	15.6

1963

1	17.9	16.2	16.2	22.0	26.5	28.7	26.6	26.4	28.0	25.6	22.7	21.2
2	17.1	17.4	16.6	22.8	25.4	27.3	27.0	26.4	27.7	24.2	22.8	21.7
3	16.6	18.6	18.5	23.2	24.6	26.8	27.7	26.0	27.6	25.6	23.8	18.3
4	17.9	18.9	20.1	26.4	25.6	26.7	25.9	26.1	27.7	24.7	23.0	17.3
5	16.7	19.9	20.6	27.7	26.4	25.8	27.4	26.7	27.1	22.6	23.3	17.6
6	14.4	20.6	20.4	26.5	25.5	27.1	27.4	26.8	26.5	22.2	23.7	19.4
7	14.0	21.2	19.0	25.2	26.5	26.5	28.9	25.8	26.6	22.8	23.8	20.9
8	14.0	20.0	17.9	18.6	26.6	25.6	28.2	26.1	26.0	24.7	23.8	22.0
9	14.7	15.8	21.4	17.9	26.6	27.6	29.6	27.3	24.2	24.8	22.7	23.0
10	14.9	15.3	23.6	19.0	28.6	26.4	28.4	27.0	24.4	26.7	22.9	20.5
11	14.5	15.4	24.4	21.4	28.4	27.6	28.5	26.7	25.8	27.2	23.4	17.6
12	12.2	14.5	23.7	23.5	27.2	28.3	27.1	26.8	27.0	26.6	24.2	16.0
13	12.0	14.2	19.3	21.9	27.9	27.6	27.6	27.6	27.5	24.2	24.4	15.4
14	11.9	16.4	16.3	23.7	27.5	26.7	26.6	29.0	28.1	24.3	24.6	17.8
15	9.1	17.4	15.1	27.5	27.6	27.0	26.8	28.6	27.7	25.6	24.3	18.6
16	10.0	18.1	15.9	27.2	24.2	26.1	28.3	29.0	26.9	25.8	23.5	19.7
17	11.1	18.7	19.4	25.8	27.7	26.6	28.8	27.0	27.2	23.3	24.0	19.9
18	11.6	19.2	18.9	25.1	26.8	27.9	27.0	27.0	26.3	22.0	24.8	18.7
19	12.4	19.9	20.9	26.6	26.7	28.6	25.8	27.0	26.7	21.8	24.3	17.6
20	15.2	19.7	21.8	28.1	23.6	27.8	26.6	28.4	26.5	21.7	23.9	16.7
21	16.3	18.3	22.4	28.6	26.5	27.8	24.8	28.2	27.7	21.2	23.3	15.8
22	17.6	16.6	23.2	28.7	25.7	28.0	26.4	28.4	27.2	20.2	23.3	14.0
23	14.6	16.6	21.5	27.2	28.0	27.2	27.0	26.6	24.5	21.6	23.3	15.0
24	14.8	18.3	22.1	27.2	27.7	27.4	24.4	26.5	24.4	22.6	23.6	17.1
25	14.2	18.6	24.8	26.0	26.4	27.7	23.8	26.7	23.5	23.1	20.6	18.2
26	12.3	17.2	24.9	27.2	26.4	28.4	23.7	27.1	23.7	21.8	19.7	17.4
27	10.4	17.9	25.8	27.1	26.6	26.5	24.3	27.0	24.5	21.5	19.4	16.4
28	11.0	15.5	21.1	25.4	28.4	27.6	25.6	27.5	25.4	21.6	20.0	16.3
29	12.0	-99.0	18.5	26.0	27.8	26.9	27.2	27.6	25.2	21.4	22.2	16.8
30	15.7	-99.0	19.8	27.1	28.8	27.4	28.2	26.2	26.6	22.3	21.4	18.8
31	14.8	-99.0	20.0	-99.0	29.4	-99.0	27.1	26.0	-99.0	22.9	-99.0	20.6

1964

1	21.4	14.2	18.3	23.6	24.0	29.4	26.8	29.6	26.0	22.7	23.0	23.2
2	19.9	15.4	19.9	25.0	25.2	26.2	27.7	28.7	26.4	24.0	22.4	21.4
3	17.2	16.0	20.6	24.0	26.0	27.2	24.5	28.4	26.7	23.8	21.6	19.0
4	17.6	17.1	22.8	26.6	26.2	24.8	25.2	28.2	27.2	25.1	22.1	15.0
5	18.6	18.9	24.0	27.0	23.4	22.2	24.6	27.4	26.6	25.6	22.0	14.6
6	19.8	20.4	23.8	27.1	25.2	25.5	24.8	27.2	26.9	25.2	21.5	15.9
7	19.7	21.4	23.6	25.6	25.6	28.0	25.3	27.4	25.2	24.9	20.4	17.4
8	20.0	21.9	20.8	24.4	25.2	27.6	26.0	29.3	26.2	22.5	20.6	18.6
9	21.1	22.9	19.5	24.1	27.6	27.4	27.0	28.6	27.2	21.8	20.0	19.1
10	20.6	22.2	19.1	26.1	27.8	27.8	27.6	28.6	26.4	22.2	18.9	19.6
11	20.5	22.6	19.2	23.7	24.0	26.9	27.7	27.8	27.5	24.0	17.8	19.6
12	19.6	18.8	20.6	22.8	24.0	27.6	28.2	28.0	27.9	25.4	19.0	18.5
13	19.4	17.7	21.4	24.4	25.4	28.8	28.2	27.7	26.6	26.4	17.3	20.6
14	19.0	19.0	20.6	27.0	27.1	28.6	28.6	27.1	25.7	26.5	17.1	18.5
15	19.2	20.9	21.2	26.1	28.0	28.2	28.8	26.3	25.9	26.0	17.5	17.2
16	18.2	21.8	21.1	27.4	28.0	27.7	28.6	26.6	23.8	24.4	16.6	15.5
17	20.1	22.0	22.0	24.9	29.3	29.2	28.5	27.7	24.9	26.3	17.5	15.3
18	17.0	20.6	23.7	25.0	30.0	29.5	28.5	28.1	25.6	26.0	17.7	13.3



19	14.3	19.8	25.7	25.9	28.5	29.1	28.7	28.0	25.6	26.0	18.5	11.9
20	14.7	15.4	25.8	26.4	28.9	26.8	29.3	27.4	27.0	26.0	19.8	12.6
21	17.2	13.1	25.6	26.0	25.6	27.1	27.8	26.3	26.8	25.9	20.1	14.1
22	22.2	13.9	25.8	25.8	27.7	27.4	26.2	26.7	24.6	25.5	18.5	15.2
23	20.7	15.6	26.0	26.4	28.8	27.6	28.0	26.7	23.6	24.2	18.0	17.6
24	16.9	14.1	23.2	26.0	29.2	28.2	27.0	25.6	25.2	21.4	17.6	19.3
25	15.2	11.4	16.8	26.2	28.8	28.8	27.0	25.6	24.5	21.7	16.8	20.0
26	15.1	10.5	17.5	26.6	27.8	28.8	27.9	27.7	25.8	22.3	16.8	18.2
27	15.8	12.7	19.4	26.6	26.6	28.2	29.4	28.4	24.5	23.3	15.7	15.4
28	15.1	15.6	20.9	26.4	27.1	27.7	29.2	28.4	23.9	23.5	17.4	15.9
29	14.4	16.3	21.6	26.3	28.1	29.5	29.0	27.6	23.8	23.9	19.6	16.4
30	12.8	-99.0	20.8	25.8	29.6	29.7	29.2	26.5	22.6	23.7	21.8	18.2
31	13.2	-99.0	23.6	-99.0	28.8	-99.0	29.7	27.0	-99.0	23.3	-99.0	16.8
1965												
1	17.2	21.0	20.8	27.5	23.8	28.3	26.7	26.8	26.5	27.2	-99.0	-99.0
2	17.1	18.4	22.6	26.7	22.0	27.7	28.3	26.6	24.7	26.2	-99.0	-99.0
3	18.9	17.8	22.9	28.8	23.0	28.2	28.0	27.4	26.8	27.1	-99.0	-99.0
4	20.2	19.0	19.9	28.2	25.7	27.9	26.9	27.9	27.6	27.0	-99.0	-99.0
5	21.1	21.2	18.2	27.0	26.3	27.4	25.8	27.6	27.8	27.9	-99.0	-99.0
6	22.5	18.0	17.7	21.8	26.7	27.0	27.6	27.6	25.9	27.6	-99.0	-99.0
7	18.3	16.4	16.2	25.0	27.0	26.4	26.1	26.9	25.6	27.8	-99.0	-99.0
8	15.1	18.5	15.0	25.2	26.4	26.9	26.8	27.0	25.8	27.4	-99.0	-99.0
9	15.6	20.7	16.0	25.1	28.0	27.2	26.7	27.6	26.2	26.9	-99.0	-99.0
10	16.6	21.8	17.8	26.1	29.0	26.4	27.8	28.0	26.2	27.4	-99.0	-99.0
11	16.4	21.7	19.2	22.0	28.8	26.3	26.4	27.3	26.6	24.6	-99.0	-99.0
12	14.9	22.7	19.7	21.0	29.4	25.2	26.2	27.2	27.8	25.5	-99.0	19.7
13	14.9	23.9	20.8	22.8	28.7	25.2	26.1	26.9	26.1	25.0	-99.0	20.9
14	15.7	23.4	21.2	24.5	29.2	25.6	27.9	25.6	25.0	23.8	-99.0	22.9
15	16.2	23.1	21.0	25.7	30.0	27.0	29.0	27.7	24.6	24.0	-99.0	23.0
16	14.8	23.2	21.6	26.1	25.6	27.8	26.6	27.8	24.1	23.8	-99.0	23.2
17	16.8	23.7	20.1	26.6	25.2	27.4	27.2	28.2	23.6	24.4	-99.0	14.0
18	15.9	22.9	20.2	24.3	26.1	27.4	28.6	25.8	23.3	22.0	-99.0	12.3
19	15.1	25.2	22.5	24.3	26.9	26.9	29.2	23.6	24.6	22.5	-99.0	14.2
20	16.5	25.8	23.1	26.0	26.2	25.9	29.4	25.4	23.5	21.9	-99.0	17.6
21	17.4	26.1	25.6	26.8	26.7	26.4	29.4	26.4	24.6	21.4	-99.0	20.6
22	18.6	25.3	27.2	26.6	27.0	27.0	27.2	26.7	25.4	21.6	-99.0	21.4
23	17.5	24.6	26.2	27.2	26.9	26.6	27.8	26.4	25.2	23.3	-99.0	22.8
24	16.6	19.7	27.4	26.7	27.4	26.2	26.2	26.8	25.6	23.6	-99.0	21.0
25	17.5	18.3	27.6	25.8	26.8	27.2	25.0	27.4	25.1	23.8	-99.0	18.5
26	19.7	17.2	28.3	26.8	27.3	27.9	25.6	26.9	25.7	25.2	-99.0	19.6
27	20.9	17.0	24.5	28.4	28.4	26.9	27.9	24.6	25.2	24.3	-99.0	18.3
28	21.0	18.6	23.6	28.2	26.0	25.4	28.5	25.0	26.3	23.1	-99.0	17.3
29	22.0	-99.0	25.9	25.1	24.5	25.0	27.5	26.6	27.0	24.8	-99.0	17.6
30	23.1	-99.0	26.4	24.6	23.6	25.6	26.9	27.7	26.3	24.5	-99.0	14.8
31	22.2	-99.0	27.4	-99.0	25.9	-99.0	25.8	27.6	-99.0	25.3	-99.0	14.2
1966												
1	14.2	21.7	20.9	24.6	29.6	27.7	27.3	27.8	25.1	23.5	22.5	14.8
2	16.0	22.4	20.1	25.8	28.9	28.4	26.8	26.6	25.5	24.5	21.7	14.0
3	19.1	23.5	21.8	26.5	24.2	28.8	26.7	25.0	25.8	24.1	21.2	13.6
4	18.2	23.1	23.3	26.0	20.6	26.5	26.8	27.3	27.2	24.6	20.5	15.2
5	19.5	20.4	22.3	22.6	24.0	26.2	27.2	26.6	27.4	24.5	21.8	17.8
6	19.3	20.4	24.9	23.7	25.3	26.5	28.6	27.0	27.8	24.3	20.9	18.6
7	19.0	20.4	23.6	25.0	25.8	27.4	29.8	27.4	27.2	23.3	20.8	21.1
8	19.4	20.4	19.7	26.6	27.0	26.4	30.4	26.5	24.3	24.8	21.8	21.3
9	20.7	22.5	18.0	28.2	29.4	27.0	28.6	27.6	25.2	25.6	22.0	21.8
10	21.8	23.7	17.9	28.0	30.5	27.7	28.3	27.1	25.3	25.6	23.6	22.4
11	22.6	24.6	19.0	27.3	31.6	29.2	27.9	27.6	26.5	27.1	23.6	22.3
12	23.7	24.1	20.7	24.5	32.6	28.7	27.2	27.9	27.2	28.4	23.3	22.2
13	24.9	18.5	22.1	25.9	32.5	26.9	28.5	28.1	27.4	28.7	22.6	21.1
14	22.4	17.2	25.0	26.1	29.8	27.6	28.6	29.3	27.2	28.1	23.4	21.4
15	21.8	19.8	26.4	24.0	26.7	28.8	28.2	28.3	26.4	23.0	19.0	22.1
16	23.4	21.0	26.1	23.0	26.0	27.9	26.6	26.8	25.1	23.6	20.8	23.0
17	24.2	23.2	25.2	25.2	26.2	28.4	26.2	28.2	25.0	23.6	22.8	24.0
18	24.7	22.7	25.9	23.1	25.8	28.0	26.8	28.0	23.2	21.6	22.1	24.8
19	22.7	22.4	20.4	26.2	24.2	27.8	28.0	28.5	23.0	21.2	22.4	26.3
20	19.6	23.4	20.5	26.3	22.5	28.2	28.4	26.6	23.2	21.8	21.4	25.6
21	17.8	24.0	25.6	24.8	23.8	28.9	29.0	25.2	23.0	23.5	18.4	24.0
22	19.7	25.5	25.4	26.3	25.2	28.0	28.4	26.1	24.2	23.9	17.8	22.6
23	21.2	18.0	24.0	27.7	24.6	27.3	27.7	24.7	25.1	23.0	19.8	22.0
24	22.2	13.6	24.6	27.8	24.5	26.9	27.5	26.0	24.0	24.0	21.7	22.4
25	20.6	15.8	24.8	28.0	24.7	26.0	28.2	26.0	23.7	24.0	21.0	22.4
26	20.0	17.3	22.1	29.0	25.6	26.6	28.0	25.2	21.7	25.2	18.4	19.3
27	20.1	18.5	20.3	27.6	25.2	26.7	26.5	25.0	22.4	26.1	19.0	14.6
28	15.8	20.6	20.7	29.4	27.0	26.3	26.4	26.5	23.0	21.7	20.5	13.5
29	16.2	-99.0	21.8	29.7	26.6	28.3	27.3	27.4	23.9	21.6	21.0	15.8
30	17.6	-99.0	23.0	29.6	28.8	29.0	28.8	25.8	23.4	23.0	20.0	17.6
31	19.0	-99.0	25.5	-99.0	28.6	-99.0	27.7	25.4	-99.0	23.8	-99.0	19.2

1967

1	16.0	13.0	16.3	22.4	27.8	26.9	28.8	28.7	26.2	25.6	23.6	16.0
2	13.8	11.4	18.8	23.5	24.5	27.2	28.0	29.0	26.3	23.4	22.8	16.7
3	12.7	13.0	21.0	25.0	26.8	27.5	28.4	29.3	27.4	23.3	21.8	17.0
4	12.3	14.1	22.9	23.7	27.0	26.6	28.8	28.8	27.8	23.1	21.4	17.9
5	12.9	15.0	20.2	19.8	28.0	26.0	29.7	28.1	24.0	22.1	22.8	19.6
6	15.2	16.4	14.4	21.3	26.7	27.5	29.4	28.2	26.1	22.5	23.0	20.7
7	16.1	18.2	13.4	22.4	28.3	27.2	29.6	27.7	24.6	22.1	22.6	18.5
8	16.4	19.6	15.0	24.4	25.1	25.5	28.6	27.2	25.8	23.4	22.5	15.9
9	15.6	20.7	16.2	25.4	26.2	24.4	29.1	28.8	27.0	23.2	22.5	16.8
10	15.0	19.1	15.5	26.0	25.7	24.6	29.4	27.6	27.7	23.0	22.2	16.1
11	12.2	15.0	17.6	25.8	25.6	24.7	30.0	26.6	26.2	24.6	22.7	13.6
12	11.6	13.9	20.2	23.0	27.1	26.8	30.5	28.3	25.2	25.8	20.8	13.2
13	13.2	14.8	21.1	22.4	25.8	27.2	29.6	29.0	25.6	26.0	18.4	11.2
14	13.6	13.9	21.7	23.3	25.8	27.3	27.3	28.0	24.0	25.7	19.0	13.0
15	13.0	12.8	21.9	21.5	26.2	27.4	25.7	27.6	25.0	23.5	19.8	11.8
16	10.4	14.1	23.2	23.4	26.9	28.0	26.6	25.6	24.6	24.5	20.0	13.4
17	9.3	15.8	24.6	23.0	27.1	28.8	27.7	27.2	24.3	22.7	20.6	15.4
18	9.6	17.9	24.8	24.5	28.1	27.4	28.4	26.2	24.1	21.8	20.8	15.9
19	11.0	18.4	25.2	23.5	27.6	28.2	28.4	26.4	23.9	19.8	20.4	16.2
20	14.6	20.6	25.7	22.8	28.0	29.0	28.2	25.5	23.8	20.3	21.0	18.6
21	15.4	22.6	25.5	24.7	29.0	28.8	28.0	27.2	25.5	21.1	20.4	19.1
22	17.3	23.2	25.5	24.7	29.1	29.2	28.8	27.2	24.0	22.4	20.8	19.2
23	18.1	23.0	25.3	25.8	28.9	29.5	27.9	27.5	23.0	21.7	22.2	19.8
24	19.3	23.0	23.2	23.5	28.7	29.3	27.1	28.1	22.4	22.2	23.3	18.6
25	19.8	19.5	20.8	23.1	29.0	28.4	25.0	27.8	23.8	22.4	22.8	18.8
26	20.2	15.6	23.7	23.4	29.0	28.8	25.1	24.0	24.2	22.5	22.3	19.4
27	21.7	11.8	25.2	23.1	28.3	29.3	25.8	24.8	25.4	23.0	21.5	20.4
28	23.4	12.4	25.3	26.0	28.6	28.4	28.1	27.0	26.5	22.0	22.2	18.1
29	22.6	-99.0	25.3	27.7	27.8	28.4	28.5	28.0	26.4	21.8	23.1	13.5
30	20.1	-99.0	25.9	28.5	27.7	28.6	27.3	27.8	26.3	23.0	18.8	12.4
31	14.7	-99.0	25.5	-99.0	29.3	-99.0	28.2	27.5	-99.0	24.0	-99.0	13.2

1968

1	13.4	23.2	18.8	23.1	22.5	24.8	28.2	27.6	26.8	23.8	24.6	21.8
2	13.8	19.3	15.6	24.1	23.4	24.2	28.4	27.0	27.3	23.6	24.6	22.7
3	14.7	15.5	15.7	24.0	24.3	25.8	29.4	27.5	27.8	23.8	24.4	22.4
4	14.3	15.1	18.3	21.5	24.6	26.6	27.8	27.8	27.6	24.8	24.5	23.1
5	13.4	14.7	19.0	20.0	25.1	26.8	28.4	26.0	27.1	26.0	23.2	23.2
6	15.4	13.6	20.4	20.9	24.4	26.9	28.4	26.0	27.0	26.8	22.0	22.7
7	16.3	12.7	22.0	23.5	26.0	26.3	27.7	27.7	28.2	26.2	23.4	22.2
8	17.9	12.4	21.6	24.9	26.2	26.0	28.3	26.8	26.8	25.4	25.2	23.0
9	16.9	12.6	19.2	26.2	27.6	26.4	28.3	27.0	25.4	24.6	22.2	23.0
10	17.4	12.4	20.0	27.4	28.1	26.4	27.8	26.8	26.4	25.0	22.4	22.2
11	17.8	12.4	21.2	23.9	27.2	27.4	29.1	26.5	25.4	23.8	23.3	23.4
12	18.3	12.2	21.6	18.7	28.3	27.0	28.9	26.8	25.7	24.6	24.4	22.6
13	18.7	12.7	22.1	19.0	26.0	28.6	27.8	25.6	25.0	23.1	23.3	21.4
14	18.2	12.0	22.5	21.9	25.4	27.7	28.0	26.2	24.8	24.8	22.0	22.3
15	16.1	13.5	23.1	23.8	25.9	28.1	27.9	26.9	26.4	23.3	21.3	19.5
16	14.9	13.9	23.2	24.2	26.5	28.0	27.6	27.8	27.4	23.2	22.2	19.6
17	16.2	14.3	22.0	25.6	26.8	28.2	29.8	28.7	27.1	24.5	23.2	21.8
18	18.2	14.5	22.8	26.2	26.0	27.2	29.3	26.0	26.9	23.1	22.8	23.0
19	18.4	14.9	22.7	24.2	25.9	28.0	29.5	26.8	26.7	21.4	23.4	23.4
20	18.5	14.5	25.2	22.2	25.8	27.4	28.4	28.4	27.4	21.8	22.3	23.6
21	19.4	14.2	26.2	22.7	26.7	27.7	27.0	28.2	24.9	21.6	21.2	23.0
22	19.3	15.2	26.4	23.6	27.1	27.6	27.0	28.4	25.0	22.4	21.2	18.1
23	20.4	15.6	26.7	24.9	28.4	28.0	28.0	28.7	25.0	22.7	21.8	15.8
24	21.8	14.4	25.2	25.6	27.4	27.8	28.4	28.0	24.9	20.7	20.6	17.9
25	21.9	14.2	18.9	23.9	28.6	28.3	27.9	27.9	25.2	21.4	21.7	19.4
26	20.5	13.2	17.2	22.8	28.6	29.2	30.2	28.0	25.0	21.8	22.6	21.2
27	21.4	14.7	18.4	21.8	28.7	27.8	31.1	28.1	26.6	22.6	22.0	22.1
28	21.4	16.1	22.8	23.0	25.0	27.5	30.7	28.6	27.2	22.3	20.9	20.9
29	21.1	17.9	22.0	21.3	27.0	28.2	29.7	28.9	25.6	23.9	19.6	21.9
30	23.2	-99.0	21.8	21.2	26.7	28.0	28.6	26.5	25.2	22.9	20.8	23.0
31	23.1	-99.0	21.8	-99.0	26.4	-99.0	28.9	27.8	-99.0	23.1	-99.0	22.8

1969

1	23.0	15.2	18.2	20.4	26.0	25.1	29.1	28.3	27.1	24.8	22.8	15.1
2	21.4	14.8	19.1	23.6	28.1	26.6	28.3	28.6	26.5	24.6	21.3	17.4
3	20.4	16.6	19.8	24.4	28.5	28.3	28.8	28.7	24.7	23.4	20.6	16.1
4	20.6	12.9	18.9	24.0	27.6	28.5	28.7	28.0	24.8	23.3	20.4	13.4
5	19.5	11.5	17.7	15.7	29.5	27.0	29.2	27.2	25.7	22.2	19.1	13.6
6	16.3	12.2	18.0	17.2	26.8	26.6	29.5	27.6	24.9	21.9	19.6	16.1
7	13.8	12.6	18.4	19.6	28.9	27.2	29.4	26.4	25.4	21.9	20.2	18.6
8	15.4	14.4	19.9	22.7	27.4	28.1	28.6	25.5	26.0	23.1	20.3	17.5
9	18.9	14.4	19.7	22.8	28.3	28.8	28.5	25.8	26.2	22.6	19.9	15.4
10	21.0	18.8	19.0	23.2	29.8	29.8	29.6	26.0	26.7	21.9	19.4	13.9
11	22.7	20.3	18.8	24.3	28.2	28.1	28.7	26.5	26.8	21.8	18.0	12.3
12	19.6	22.9	16.5	25.2	30.3	28.4	27.4	24.6	27.6	22.2	19.2	14.0

13	17.1	23.7	17.4	24.6	31.7	28.2	28.0	25.2	26.7	25.1	21.3	17.7
14	17.8	25.4	18.4	27.2	29.9	28.5	28.4	26.6	26.0	26.1	22.9	15.9
15	16.3	25.4	20.5	27.6	29.1	28.4	28.4	26.6	24.2	26.9	23.1	17.4
16	15.2	24.9	19.7	28.0	31.5	28.7	28.4	26.2	24.0	27.4	24.2	16.8
17	17.3	25.2	20.1	26.5	31.1	25.1	27.7	25.7	22.2	28.5	22.0	16.6
18	20.4	25.2	21.6	25.3	30.8	24.2	27.0	25.6	23.4	27.4	18.6	15.0
19	23.7	23.6	25.0	27.4	31.2	25.0	26.7	26.8	24.2	26.6	18.2	16.6
20	23.6	21.8	26.1	28.3	29.2	26.6	26.8	27.7	25.0	27.5	20.1	16.5
21	23.6	20.3	26.0	27.2	29.3	27.4	27.3	27.4	24.4	27.5	20.9	16.4
22	24.0	16.7	25.8	28.2	30.8	28.2	27.6	27.8	26.5	24.8	21.2	17.0
23	23.0	17.5	25.5	29.8	30.4	29.0	26.0	28.4	26.9	26.4	19.7	15.5
24	22.8	19.2	26.8	30.0	31.0	29.7	25.5	28.1	27.0	25.4	18.4	15.8
25	24.4	19.9	25.4	29.4	31.4	29.6	26.5	28.5	26.6	26.6	14.6	20.2
26	23.1	20.7	27.4	27.7	30.8	29.8	27.0	28.0	27.3	25.3	14.0	21.7
27	20.8	18.1	28.4	26.9	24.1	29.0	26.9	28.0	27.3	22.5	14.2	21.3
28	23.2	16.9	28.3	26.7	25.5	29.8	28.1	27.6	27.0	23.2	16.2	15.3
29	22.0	-99.0	26.8	28.2	25.8	29.5	27.6	27.1	26.4	23.9	16.3	17.1
30	22.0	-99.0	23.7	27.0	23.6	29.3	27.5	27.9	25.6	24.8	14.0	18.8
31	17.3	-99.0	20.1	-99.0	24.4	-99.0	26.3	29.6	-99.0	26.0	-99.0	19.3

1970

1	20.2	17.8	21.6	27.8	28.3	27.8	28.1	27.5	26.0	20.1	17.4	17.0
2	20.9	19.4	25.5	20.9	28.1	27.3	28.8	28.8	27.0	20.8	18.4	18.8
3	19.8	21.4	22.4	20.1	27.6	28.7	28.9	28.8	26.5	22.0	18.3	19.2
4	18.8	21.0	19.4	21.0	29.0	27.4	28.0	27.9	25.6	21.8	19.0	18.3
5	18.4	17.6	17.2	22.7	28.2	28.1	28.6	26.7	24.1	21.3	18.9	19.0
6	16.2	18.0	20.0	23.2	27.2	28.3	28.6	25.2	24.2	22.3	18.4	20.0
7	16.1	18.8	20.6	25.3	28.5	28.7	29.2	26.2	25.5	24.2	18.0	21.2
8	16.4	20.4	19.6	26.2	30.6	28.6	28.4	27.4	27.2	25.7	19.2	20.0
9	16.6	20.7	19.6	28.6	30.0	29.1	26.8	26.8	26.3	24.1	19.9	18.2
10	15.1	19.8	22.9	28.2	30.8	29.8	26.5	26.4	26.8	23.7	19.0	19.0
11	13.8	17.2	22.9	26.4	31.3	27.7	27.4	27.0	24.8	24.0	20.7	21.5
12	15.6	16.2	26.7	19.4	29.2	26.6	28.3	28.3	25.7	24.2	22.3	21.6
13	17.4	17.7	23.9	18.0	28.8	24.5	28.5	26.8	26.2	25.2	22.7	20.0
14	20.3	19.6	23.5	19.7	25.4	26.4	27.8	27.2	27.2	25.5	25.0	16.6
15	17.0	19.5	24.8	20.2	23.5	27.5	26.5	27.6	27.1	25.0	21.5	17.3
16	13.8	18.8	18.6	23.8	23.5	28.7	27.0	27.8	27.1	24.5	17.4	18.8
17	15.4	18.3	17.8	27.2	25.2	27.3	27.3	27.4	25.7	23.4	17.3	18.7
18	15.4	21.4	17.0	28.3	26.7	28.6	26.7	25.8	26.4	25.0	18.2	19.0
19	13.7	23.5	16.9	27.4	25.4	27.5	27.3	24.6	26.9	24.0	19.9	20.8
20	13.8	24.4	18.6	25.1	21.4	27.8	26.3	25.4	27.2	23.4	20.2	20.1
21	14.8	24.0	20.2	24.7	22.6	28.0	25.5	26.6	26.0	22.8	21.9	18.3
22	16.2	23.5	19.8	25.1	23.6	25.7	25.9	27.1	27.1	24.0	20.0	18.9
23	18.7	24.4	17.1	26.1	26.5	26.1	26.0	25.4	27.3	25.2	19.8	21.0
24	18.2	25.7	17.1	25.6	28.5	27.4	26.0	24.9	25.7	25.7	20.6	21.6
25	17.4	26.1	17.9	26.0	26.9	28.3	24.6	26.0	24.9	25.8	21.7	19.7
26	18.0	25.6	17.4	25.5	28.2	27.1	26.6	25.9	25.8	24.4	22.8	17.0
27	22.0	26.3	19.3	23.4	29.6	26.5	26.7	26.4	23.8	19.7	22.9	17.0
28	20.0	24.6	20.2	24.8	29.0	24.9	27.6	26.6	24.3	19.0	22.4	17.3
29	18.8	-99.0	22.5	27.3	28.3	26.4	28.0	27.2	22.3	20.0	19.2	17.8
30	17.3	-99.0	24.3	26.9	29.2	27.0	28.4	27.7	19.3	18.0	16.4	17.2
31	14.2	-99.0	26.2	-99.0	27.5	-99.0	28.4	26.7	-99.0	17.1	-99.0	14.9

1971

1	15.4	11.9	27.6	26.6	28.2	28.3	27.2	26.0	26.4	25.1	19.0	16.5
2	16.0	11.6	26.0	27.9	26.6	28.0	26.0	26.8	27.4	26.4	20.2	17.2
3	14.7	11.8	22.7	27.0	26.4	28.6	26.9	28.0	25.6	25.2	23.0	18.3
4	11.6	13.3	23.1	26.8	25.8	29.1	27.5	27.2	25.5	26.0	22.9	19.4
5	10.3	13.7	23.0	26.2	23.7	28.6	27.8	27.2	26.6	25.4	23.8	20.8
6	11.4	13.1	22.1	26.3	21.1	28.0	27.0	25.3	26.9	24.4	23.4	20.9
7	12.4	12.5	22.7	25.8	23.6	28.7	24.3	26.3	26.5	23.2	22.5	20.9
8	13.0	13.0	21.0	27.4	25.0	26.8	25.4	26.4	25.8	22.9	22.7	18.7
9	11.6	14.7	18.9	24.8	26.9	26.8	27.0	25.4	26.6	20.9	23.1	16.8
10	11.7	16.1	19.2	22.4	28.2	27.0	27.7	26.6	26.6	19.8	21.8	17.9
11	13.2	17.8	19.5	24.1	29.0	27.9	27.2	27.4	28.0	22.2	21.8	18.0
12	16.3	19.9	18.8	24.6	25.3	28.3	23.8	25.8	27.6	21.7	20.9	17.7
13	16.8	20.4	17.4	25.2	27.2	27.9	24.1	24.9	27.3	20.4	20.8	17.6
14	18.4	19.8	16.5	24.5	27.6	28.6	24.8	24.8	28.0	18.3	18.4	17.7
15	20.3	15.3	16.8	24.5	26.2	28.4	25.6	26.5	27.0	18.1	15.6	18.0
16	21.4	16.4	18.2	25.2	26.9	27.4	26.3	27.3	25.8	18.7	13.8	15.9
17	21.3	18.0	20.3	24.2	27.8	28.0	27.4	25.5	24.7	19.5	13.8	17.1
18	21.4	18.8	19.0	23.5	28.3	29.1	25.8	25.3	24.8	20.9	14.1	17.4
19	21.5	20.9	19.8	24.9	27.4	29.7	25.3	25.8	24.9	21.2	14.1	17.3
20	21.1	22.1	21.8	25.5	26.2	26.7	26.9	25.7	24.1	22.3	14.5	16.3
21	18.2	22.7	24.1	25.7	26.4	25.5	27.7	24.7	22.6	23.6	14.1	15.4
22	15.5	23.1	25.2	26.9	28.0	26.0	27.6	26.2	22.8	22.9	14.4	17.2
23	15.9	23.3	21.6	27.7	27.2	27.2	26.6	26.8	23.9	20.8	14.2	19.0
24	17.2	21.8	19.4	28.8	26.5	27.3	26.4	26.9	24.4	21.6	13.9	20.6
25	14.8	21.9	20.2	26.1	24.2	27.9	26.7	25.9	25.2	21.4	16.7	21.4

26	13.1	23.1	19.6	26.3	26.9	28.8	28.0	25.7	25.8	20.6	18.3	19.4
27	14.0	25.5	21.2	26.9	27.9	28.8	27.4	26.0	25.6	19.4	18.8	15.2
28	16.1	26.8	22.8	25.7	28.2	28.1	25.7	26.7	26.3	19.5	21.0	14.4
29	13.5	-99.0	24.9	27.2	28.6	26.9	25.0	27.2	26.2	19.2	20.1	14.9
30	10.9	-99.0	26.6	25.8	27.4	26.8	27.2	26.7	24.5	20.4	17.2	16.3
31	10.8	-99.0	26.5	-99.0	26.6	-99.0	27.0	25.8	-99.0	20.1	-99.0	16.7
1972												
1	16.1	22.4	14.4	21.6	27.9	27.0	26.4	26.9	26.8	27.0	24.2	17.0
2	15.5	21.7	15.0	21.9	28.7	28.2	28.2	26.6	27.6	26.7	24.8	17.0
3	17.0	23.0	13.8	22.4	26.2	27.3	29.0	25.8	26.0	23.7	25.1	17.2
4	18.0	21.9	12.8	21.5	27.6	26.8	28.6	25.4	24.9	22.4	24.8	17.5
5	18.8	20.5	14.3	22.4	28.9	27.1	28.8	27.4	24.6	23.8	24.2	16.8
6	16.3	18.7	16.0	22.9	25.1	27.0	27.9	26.8	24.1	24.2	25.0	18.1
7	14.8	17.4	20.0	21.3	27.3	27.3	27.9	27.4	24.8	26.1	22.9	19.6
8	14.4	14.4	21.2	19.5	25.6	26.1	29.9	26.8	25.0	26.5	22.9	19.5
9	14.9	10.2	21.9	17.9	27.0	27.2	28.5	26.2	25.2	27.7	23.1	20.0
10	14.6	10.5	23.6	18.6	28.0	27.2	29.8	27.0	25.7	26.0	22.0	22.0
11	15.3	12.6	22.4	18.8	28.7	28.7	29.0	26.2	26.2	24.9	21.2	22.9
12	14.9	16.8	18.9	20.4	28.2	29.2	28.4	27.2	26.2	24.4	20.8	20.2
13	14.4	16.9	19.5	22.0	28.6	28.2	29.1	27.5	26.6	23.8	21.9	13.9
14	14.3	20.0	21.5	26.0	26.4	29.1	28.8	27.1	26.6	25.7	23.2	13.0
15	12.2	21.4	20.9	25.8	27.7	29.4	27.3	26.6	26.7	25.6	24.2	14.6
16	14.2	21.8	22.6	26.8	28.4	29.5	23.2	26.8	27.6	26.4	23.4	16.8
17	14.9	21.9	24.3	27.2	27.4	28.5	23.9	26.8	26.0	26.2	20.9	18.8
18	16.7	22.8	24.4	26.9	28.9	27.8	26.8	27.1	24.9	26.6	19.9	21.2
19	17.4	21.7	26.4	26.7	25.8	26.6	28.0	26.9	26.7	27.4	21.2	21.4
20	18.4	21.2	24.7	27.2	25.2	26.4	28.1	25.6	27.2	28.2	21.5	20.7
21	17.8	21.2	22.5	25.3	27.2	27.9	26.7	25.6	27.2	26.0	20.8	21.2
22	16.6	22.7	24.1	25.1	27.8	29.0	27.4	24.8	27.2	22.9	21.2	21.0
23	17.4	21.6	25.6	24.2	27.6	30.3	27.7	23.6	27.9	21.7	21.5	19.4
24	19.0	22.0	25.8	22.6	27.4	29.7	28.9	25.4	25.2	23.5	20.0	19.8
25	20.5	23.8	24.8	20.7	28.3	29.8	27.1	26.7	22.6	24.7	20.9	20.9
26	19.7	17.5	21.4	21.4	27.0	29.3	27.8	27.0	24.8	24.2	20.2	21.5
27	17.7	15.2	21.7	23.6	26.9	30.6	26.9	27.6	24.9	23.0	18.3	21.7
28	18.6	12.3	22.4	23.9	26.9	29.8	24.4	27.3	26.4	23.6	18.2	21.0
29	19.6	13.2	23.8	26.2	26.8	27.7	25.0	24.5	26.3	24.4	18.8	18.4
30	21.0	-99.0	25.0	26.2	26.8	27.4	26.7	26.6	27.0	24.6	17.6	15.1
31	22.6	-99.0	25.2	-99.0	25.6	-99.0	27.6	26.2	-99.0	24.9	-99.0	16.9
1973												
1	17.5	19.0	22.3	24.8	29.5	28.1	29.1	28.8	26.3	26.4	19.9	16.6
2	13.7	20.5	23.1	25.0	29.3	29.3	28.9	27.0	25.4	26.1	20.0	16.8
3	12.5	20.8	24.5	25.1	28.8	29.0	30.8	27.0	24.9	26.1	20.6	18.0
4	14.4	22.7	24.8	21.9	24.5	28.8	28.2	25.7	25.9	25.4	20.5	19.1
5	15.2	24.3	24.2	22.5	26.6	27.6	27.8	25.4	26.4	25.6	21.6	19.2
6	15.6	23.8	22.3	24.6	28.3	25.5	27.1	26.3	28.2	25.4	20.3	18.2
7	15.8	23.0	23.2	26.9	28.3	25.3	26.3	27.0	27.0	24.6	20.4	17.8
8	15.8	21.5	21.8	27.2	28.0	26.1	25.2	27.6	27.4	24.3	22.3	17.8
9	16.9	19.8	23.2	27.1	26.0	27.6	25.7	26.1	27.7	23.2	24.6	18.6
10	17.6	21.2	25.7	28.9	24.1	28.7	26.3	27.1	28.0	23.2	24.4	20.8
11	16.5	21.9	26.1	27.3	27.1	27.4	26.6	26.6	27.1	23.5	22.8	20.8
12	15.4	21.8	24.4	24.1	28.0	27.5	26.0	27.2	27.6	24.0	18.0	21.2
13	15.8	22.9	24.4	24.3	28.8	28.5	26.6	27.8	24.4	24.4	17.9	19.1
14	18.8	18.5	25.0	25.4	29.3	28.8	27.3	28.5	25.8	22.1	20.2	19.1
15	20.8	17.3	22.9	26.9	27.9	28.5	27.0	27.8	24.4	20.6	20.1	18.6
16	21.1	19.0	19.8	30.2	28.6	28.3	26.2	28.3	26.1	21.1	19.6	16.8
17	19.6	21.4	20.0	26.5	29.6	28.9	25.2	28.6	24.6	23.0	20.3	15.4
18	17.0	24.5	20.4	22.4	30.1	28.8	27.6	27.1	24.7	23.2	20.2	14.6
19	18.0	24.2	21.5	23.5	30.4	29.0	27.8	26.7	24.5	24.6	20.0	15.4
20	20.3	19.9	22.5	24.2	29.9	29.4	28.5	28.0	24.1	24.8	20.7	18.4
21	19.9	21.9	22.0	25.9	27.6	30.0	29.1	27.6	25.6	24.6	20.6	20.2
22	19.7	24.4	23.4	26.5	28.8	30.5	28.6	25.2	25.7	24.2	19.5	16.7
23	19.8	24.2	23.9	26.0	27.1	30.7	27.6	25.1	25.2	23.8	19.4	14.3
24	19.1	23.2	23.6	25.5	27.7	30.0	27.0	26.3	24.2	22.2	17.3	14.5
25	20.2	25.5	22.2	24.7	27.4	29.6	27.4	26.4	24.8	21.8	16.3	12.5
26	20.6	26.2	21.1	26.8	28.1	29.7	26.7	24.4	25.0	21.7	15.3	10.0
27	19.9	23.0	19.2	28.0	28.6	27.8	27.2	26.3	26.0	21.5	16.5	10.8
28	20.4	22.3	22.9	27.9	26.4	29.0	27.8	26.2	25.5	21.0	17.0	10.5
29	17.4	-99.0	25.2	30.1	26.0	29.6	27.8	27.1	25.9	19.4	18.0	9.9
30	16.4	-99.0	26.2	29.1	28.0	28.5	28.3	27.5	26.3	20.0	18.1	9.5
31	16.6	-99.0	24.7	-99.0	27.5	-99.0	28.2	26.2	-99.0	20.3	-99.0	9.0
1974												
1	9.1	17.4	14.5	24.8	26.6	27.1	28.6	27.8	26.9	23.8	22.4	22.6
2	9.1	15.0	17.8	18.2	26.1	28.4	28.6	25.1	27.3	25.8	21.3	22.6
3	9.2	14.6	19.3	19.3	27.3	28.4	28.0	27.6	27.3	26.1	22.8	21.3
4	9.7	17.5	20.6	21.6	28.2	28.1	26.6	26.9	26.8	26.3	22.3	22.8
5	10.2	17.4	21.5	23.2	27.8	27.0	28.3	28.0	27.0	27.2	22.5	23.6
6	11.6	16.1	22.9	25.8	27.7	25.8	28.2	28.7	26.6	26.5	23.8	19.5

7	13.8	11.5	24.0	25.6	27.0	26.8	28.9	28.4	25.7	25.6	24.3	18.9
8	16.4	11.8	22.9	25.4	26.6	28.2	29.2	28.8	26.0	24.0	25.7	20.1
9	18.1	10.8	22.4	26.1	25.2	27.9	29.4	28.6	27.4	24.5	27.2	21.7
10	18.7	12.4	21.1	26.2	22.8	27.7	29.5	29.0	26.5	24.4	23.4	22.0
11	19.7	12.0	18.2	24.4	24.2	28.4	28.8	29.5	26.9	25.0	22.6	21.0
12	18.0	13.6	17.7	21.7	26.3	28.2	29.6	29.2	27.5	24.8	20.8	18.2
13	18.3	12.6	17.9	24.3	27.3	26.9	29.3	27.2	26.9	24.4	20.5	16.8
14	19.2	16.8	18.4	24.5	28.0	24.7	28.4	26.1	26.3	22.6	19.1	16.0
15	19.4	19.8	19.0	22.8	27.6	26.3	29.2	25.3	26.9	21.4	19.0	16.0
16	20.4	20.9	18.9	20.1	27.0	26.5	29.2	25.2	25.6	22.3	19.1	17.5
17	19.9	21.8	16.7	24.7	27.7	27.7	29.3	25.6	26.6	24.3	19.2	20.0
18	21.3	23.1	16.8	26.8	27.3	26.0	27.0	26.0	26.0	25.1	17.0	20.2
19	19.4	23.0	17.2	28.4	27.4	26.7	25.9	26.8	25.7	24.1	18.0	17.1
20	21.7	22.4	17.5	28.1	26.6	27.5	26.0	27.3	26.4	22.4	18.4	14.7
21	23.0	23.4	18.7	24.4	27.8	27.0	25.8	28.3	26.1	21.2	19.6	14.8
22	23.0	25.2	19.3	22.8	28.8	27.7	27.8	28.2	24.8	21.8	19.0	15.2
23	22.5	24.3	19.2	24.4	28.3	28.2	27.1	27.8	25.2	21.4	20.6	17.9
24	22.0	22.2	22.4	24.5	28.1	27.6	26.6	28.1	25.7	22.7	19.0	17.5
25	19.8	15.7	24.9	23.8	27.4	28.0	26.4	25.4	26.1	23.4	19.1	16.9
26	16.6	12.9	24.5	25.9	28.6	27.3	27.1	24.2	26.8	24.4	20.3	16.9
27	16.4	13.2	13.5	26.6	28.2	28.0	26.7	25.2	27.6	22.3	19.6	18.2
28	18.6	15.3	17.1	26.4	28.5	28.6	27.0	24.2	28.2	22.8	19.0	20.2
29	20.5	-99.0	16.2	23.6	29.2	28.3	27.2	26.2	28.1	23.4	18.9	20.6
30	20.3	-99.0	22.7	24.4	26.9	28.4	28.0	25.9	24.8	23.4	21.3	20.5
31	19.7	-99.0	22.5	-99.0	25.4	-99.0	28.2	26.5	-99.0	24.1	-99.0	21.5

1975

1	22.5	22.6	21.1	20.9	27.2	24.3	28.6	26.9	24.4	24.6	20.6	18.1
2	20.4	23.5	24.2	19.3	28.3	26.4	29.0	26.4	26.2	26.0	20.4	19.8
3	17.3	24.7	25.9	19.8	27.3	28.6	29.5	26.7	26.4	25.4	20.1	21.9
4	15.8	24.1	25.1	22.5	26.8	27.9	28.8	27.2	26.4	26.0	22.1	21.8
5	15.4	24.4	25.0	25.2	26.5	28.5	29.1	26.4	26.4	26.6	21.2	23.1
6	15.2	24.0	26.2	28.0	25.6	28.6	28.3	27.2	26.0	27.1	20.4	24.2
7	16.4	23.4	25.0	28.8	27.5	28.3	29.2	28.8	26.2	27.4	20.9	25.0
8	18.2	21.8	23.2	25.4	28.5	28.0	28.8	29.2	26.0	24.9	22.6	24.9
9	19.0	18.0	24.6	27.3	27.8	28.3	28.8	27.0	25.8	25.5	24.5	22.0
10	17.9	16.2	24.6	28.6	28.8	28.7	29.3	26.5	24.8	26.8	24.6	17.9
11	15.4	16.3	24.4	29.3	28.4	28.2	27.9	25.5	25.6	27.6	24.6	13.6
12	14.8	16.7	26.0	27.6	27.1	27.7	27.4	26.7	26.6	27.3	24.6	11.8
13	15.6	18.4	26.8	27.4	27.4	26.5	27.7	26.7	27.1	27.6	21.9	11.1
14	17.9	19.6	23.0	25.8	27.3	26.6	26.4	25.8	27.6	24.4	18.2	8.5
15	19.2	19.8	18.2	25.7	27.6	27.6	25.6	27.2	27.4	23.6	17.8	9.9
16	18.8	19.2	16.3	26.5	27.8	27.2	24.6	27.6	25.9	21.2	19.3	10.1
17	18.0	19.2	18.3	25.4	28.8	25.9	24.8	27.8	26.9	21.8	20.6	9.0
18	17.1	18.4	20.8	25.4	26.0	27.6	27.5	27.3	26.9	21.4	22.3	9.1
19	15.8	17.0	22.8	26.6	28.0	25.2	28.1	26.8	27.5	23.1	22.3	13.0
20	16.3	15.5	21.9	26.8	29.1	27.4	27.8	27.5	27.0	22.3	22.0	14.2
21	17.6	17.6	22.8	28.0	29.2	28.1	28.0	26.4	24.3	22.7	21.7	11.8
22	16.0	16.0	24.2	25.8	28.6	28.8	25.8	26.8	25.4	22.8	20.4	10.1
23	16.6	17.6	23.8	26.8	27.1	28.7	25.6	27.1	25.8	23.2	16.7	10.3
24	17.9	19.6	23.0	29.1	27.6	28.7	25.8	27.0	26.1	22.8	14.4	10.9
25	19.6	21.9	25.2	29.9	28.5	29.2	26.5	26.1	27.0	24.2	14.2	11.3
26	20.3	22.7	25.9	30.2	29.2	28.7	26.9	24.6	28.0	24.1	13.4	12.3
27	20.0	22.6	26.5	30.1	27.2	28.8	27.1	25.6	27.8	24.2	13.8	13.6
28	19.1	21.8	26.2	30.4	28.4	29.1	27.6	26.0	27.3	25.2	14.6	10.9
29	18.4	-99.0	26.7	28.0	26.9	28.6	28.2	26.0	27.4	25.7	16.8	9.4
30	19.2	-99.0	23.4	29.3	26.6	28.0	28.4	25.6	27.2	21.8	18.3	9.0
31	21.3	-99.0	21.9	-99.0	23.6	-99.0	27.7	25.1	-99.0	21.2	-99.0	9.1

1976

1	11.7	14.4	14.2	20.4	26.8	26.8	25.6	26.4	27.2	24.8	22.6	17.0
2	15.2	15.1	12.8	21.5	27.4	23.0	26.5	24.6	27.3	24.5	22.5	18.4
3	15.2	17.7	12.0	22.3	26.0	21.5	26.6	26.3	27.6	23.8	23.3	19.9
4	18.9	16.8	14.6	20.8	27.1	23.8	26.8	26.9	26.5	23.3	24.5	21.3
5	21.1	18.0	16.0	22.6	20.4	26.2	27.2	26.6	27.2	24.3	24.7	21.4
6	17.2	16.3	17.2	22.5	19.9	27.0	27.9	27.9	27.6	24.3	22.8	21.5
7	16.5	19.2	18.4	22.3	21.4	28.0	27.8	27.8	27.8	26.1	22.4	20.1
8	17.2	17.4	20.7	21.7	25.8	28.1	28.3	25.8	27.1	26.6	22.8	17.6
9	17.1	18.5	23.4	22.1	27.6	29.0	28.4	26.7	28.1	26.2	23.1	14.8
10	15.0	20.4	24.5	22.7	27.3	25.2	29.3	27.0	29.4	25.1	24.6	13.5
11	13.8	20.5	23.4	24.8	26.2	24.0	29.8	26.1	27.9	25.0	21.6	13.6
12	13.4	21.3	22.8	28.0	23.7	26.8	29.2	25.2	25.8	25.2	20.8	16.7
13	12.7	21.7	23.0	23.3	25.0	27.1	29.3	24.7	26.1	24.8	21.8	18.2
14	12.4	23.6	23.4	21.8	25.6	27.6	28.2	25.5	26.3	22.3	17.8	16.6
15	12.4	23.9	25.4	25.1	27.8	28.3	28.5	26.2	26.8	22.4	16.5	16.6
16	13.5	25.4	26.5	29.0	28.3	29.5	29.4	26.0	27.6	21.8	17.4	17.8
17	16.3	23.0	26.5	28.8	29.0	29.7	29.4	26.5	26.8	23.5	15.2	20.4
18	18.4	21.9	26.1	28.9	29.4	29.7	30.0	26.9	27.0	25.3	15.0	20.8
19	19.4	23.6	22.9	27.6	29.0	29.0	28.8	28.3	28.0	26.2	16.6	21.7

20	18.1	20.3	17.2	24.5	27.7	28.4	28.1	28.2	27.7	25.6	15.5	21.9
21	17.2	21.2	17.8	23.8	27.0	28.2	28.1	28.0	26.3	24.8	15.3	22.3
22	17.7	21.3	18.8	24.3	28.0	28.2	28.2	25.3	26.1	26.2	14.4	21.8
23	14.8	18.4	18.4	22.7	27.8	26.9	28.7	27.0	25.2	26.1	15.2	21.1
24	15.2	18.6	18.7	20.0	27.5	28.5	29.5	27.2	25.3	26.0	13.5	21.0
25	16.9	17.2	19.5	23.0	29.5	29.3	28.4	27.9	25.5	22.2	13.9	21.6
26	18.6	17.4	21.8	25.0	28.7	29.2	28.2	27.2	25.6	22.0	13.3	19.9
27	19.4	23.2	23.4	25.7	27.8	29.9	26.8	25.3	25.0	24.2	13.4	17.0
28	19.8	21.6	24.7	25.2	28.8	29.4	26.7	25.2	26.3	25.4	13.1	14.3
29	20.8	18.1	26.8	26.4	27.4	28.9	26.6	25.9	26.2	25.1	14.3	12.8
30	17.0	-99.0	26.0	27.0	28.1	26.2	26.0	27.0	27.0	24.1	16.0	13.5
31	15.0	-99.0	21.4	-99.0	28.8	-99.0	26.1	27.0	-99.0	23.7	-99.0	14.2
1977												
1	15.3	12.3	24.4	20.1	26.2	28.8	28.6	28.0	27.3	25.9	23.1	16.9
2	14.5	11.6	23.0	19.2	26.5	30.5	27.8	27.2	27.8	26.8	21.9	17.0
3	13.4	11.4	19.2	21.3	27.8	30.3	27.6	27.5	25.8	27.4	22.1	17.1
4	12.4	11.6	16.7	21.9	26.3	31.0	26.6	27.2	24.5	27.4	22.0	15.8
5	12.7	12.3	14.4	22.4	25.9	31.0	27.8	27.6	24.6	26.4	22.0	16.1
6	13.6	13.4	14.2	25.6	27.3	30.9	29.0	27.2	25.2	27.4	24.0	17.6
7	15.4	14.6	16.3	27.6	26.1	31.0	27.6	27.7	26.0	26.8	24.8	19.0
8	15.4	14.6	19.0	24.5	26.1	29.3	28.7	28.8	25.2	22.6	23.2	17.4
9	15.6	13.0	18.6	23.4	24.1	30.2	29.9	29.8	26.4	24.0	22.4	16.5
10	13.9	13.7	19.8	22.4	26.8	31.2	32.4	29.4	27.7	24.5	20.6	18.4
11	14.7	14.4	21.0	22.6	27.9	28.7	30.8	29.4	26.2	23.9	20.2	17.2
12	15.9	15.0	21.0	23.5	27.1	28.9	29.4	29.2	27.0	22.6	19.4	19.5
13	15.2	17.3	21.4	25.5	28.6	30.2	29.9	29.3	26.3	24.6	18.4	18.4
14	13.7	18.4	21.6	26.1	29.2	28.6	28.0	30.5	26.0	25.5	19.6	17.2
15	13.5	15.1	22.5	25.9	29.2	29.4	28.1	29.9	27.0	26.3	17.8	17.3
16	14.7	13.0	24.3	27.8	29.2	31.4	27.1	26.2	27.3	25.5	17.0	20.2
17	16.8	12.5	24.1	28.6	30.1	30.6	28.6	26.4	27.6	25.1	16.0	21.3
18	17.8	13.9	24.2	24.2	28.8	29.8	30.3	24.6	27.8	25.4	15.5	21.7
19	18.6	15.7	22.9	21.0	29.1	30.2	29.3	24.8	26.6	25.5	15.4	22.4
20	19.1	16.8	21.4	21.9	29.8	29.7	28.6	26.2	27.4	23.6	17.0	23.0
21	18.0	14.2	21.8	24.4	30.8	28.6	27.0	27.2	26.2	24.6	16.2	23.3
22	17.4	12.2	22.9	26.1	29.2	28.3	26.3	25.8	24.5	23.3	17.3	22.9
23	16.7	13.2	22.4	26.6	27.6	30.2	28.0	27.4	24.3	23.4	19.4	23.1
24	17.4	15.0	16.6	26.5	27.8	27.8	28.5	27.4	24.7	23.4	20.5	22.6
25	19.6	19.0	17.5	27.6	26.8	27.6	29.2	26.8	25.6	21.4	22.6	20.7
26	18.9	20.9	20.0	28.3	26.1	29.4	29.8	25.8	24.7	24.0	22.3	17.5
27	19.8	20.8	21.3	28.8	27.6	30.8	29.0	27.0	24.0	24.4	19.4	18.8
28	20.3	22.4	22.3	27.2	28.4	31.0	27.1	27.6	26.0	24.7	17.5	21.2
29	20.0	-99.0	23.0	28.2	30.0	30.2	25.3	24.5	26.6	23.7	17.0	21.4
30	15.6	-99.0	22.1	28.6	30.0	30.1	26.5	24.5	26.7	24.4	16.4	23.4
31	11.8	-99.0	20.8	-99.0	30.0	-99.0	28.1	26.3	-99.0	25.2	-99.0	24.2
1978												
1	23.2	15.9	21.0	28.8	26.9	29.6	26.8	29.5	26.2	26.0	18.6	18.0
2	16.3	14.8	23.1	23.1	25.5	28.0	27.0	29.8	26.8	26.8	17.9	17.4
3	13.8	16.6	25.4	19.2	25.2	27.9	26.3	27.3	27.2	26.5	18.6	18.5
4	13.8	18.6	24.9	22.0	25.8	25.5	27.2	27.8	27.3	26.2	18.6	18.6
5	11.6	22.0	24.0	25.6	24.5	26.2	28.1	27.9	26.7	25.3	19.7	20.1
6	12.7	23.6	25.4	24.2	25.2	26.8	27.2	28.2	27.8	23.8	22.4	19.3
7	16.4	24.2	25.6	25.5	27.6	26.6	28.2	26.6	25.5	23.7	20.8	20.2
8	20.0	24.2	25.9	24.2	29.2	26.6	27.2	26.2	26.0	24.1	22.4	21.2
9	20.5	24.6	24.0	22.4	27.8	27.4	24.8	27.5	26.6	23.5	22.3	21.9
10	16.3	23.2	22.2	23.9	25.5	27.8	25.6	24.8	26.5	23.7	23.5	21.0
11	15.9	23.6	23.0	25.0	21.9	28.9	27.8	25.4	26.0	24.1	22.6	18.6
12	20.0	23.2	23.5	23.6	23.6	29.8	28.6	24.9	26.8	22.6	21.9	18.0
13	20.2	19.2	22.3	24.4	23.4	30.4	27.8	25.7	27.4	22.5	20.6	18.0
14	22.0	18.2	19.8	22.6	25.5	28.8	28.2	25.5	26.9	22.0	19.3	18.4
15	22.0	15.8	18.5	23.7	27.2	27.8	27.9	27.0	26.1	21.1	20.6	15.2
16	19.9	13.3	18.2	24.7	27.7	28.1	28.7	27.2	25.7	21.8	22.0	14.5
17	16.6	12.6	20.1	23.6	27.2	28.2	28.6	28.2	25.8	22.3	22.4	15.2
18	12.8	14.0	22.5	21.9	28.0	28.0	27.9	28.3	24.7	23.2	23.2	16.0
19	12.0	14.2	24.9	25.6	27.8	27.8	27.5	28.1	25.5	23.7	24.0	17.1
20	13.6	15.7	25.0	26.6	28.8	28.2	25.6	27.7	25.7	24.9	21.2	18.4
21	14.1	15.6	27.9	26.1	27.9	28.0	26.7	27.1	23.3	23.3	21.9	19.2
22	14.8	14.9	21.3	25.9	28.6	28.8	27.4	27.2	25.1	23.6	23.3	18.3
23	18.2	16.7	17.5	25.8	28.4	27.6	28.6	27.6	25.1	23.7	22.8	18.9
24	19.8	18.2	16.9	25.8	28.6	27.9	28.9	26.4	25.5	24.0	22.9	19.4
25	22.2	17.1	17.8	27.8	28.8	29.4	27.9	26.8	25.1	24.6	23.2	20.9
26	23.3	17.7	20.7	28.6	28.9	26.9	27.2	27.9	24.2	24.4	22.9	22.4
27	22.6	17.4	24.8	28.1	29.1	25.4	27.6	28.4	22.0	24.2	20.3	23.4
28	23.1	20.6	26.0	28.2	29.3	25.5	28.6	26.0	22.8	20.0	18.8	21.4
29	20.9	-99.0	29.1	24.5	28.2	28.3	27.2	26.9	24.9	17.8	16.4	20.6
30	19.9	-99.0	29.5	26.3	29.2	28.8	28.9	28.0	24.8	16.5	16.3	21.2
31	18.1	-99.0	30.3	-99.0	29.1	-99.0	29.0	27.7	-99.0	19.6	-99.0	22.6
1979												

1	20.6	12.8	18.0	24.4	26.5	27.4	29.5	27.2	26.8	25.5	20.9	16.9
2	21.7	14.8	20.0	24.0	24.3	27.4	28.1	28.8	25.4	26.0	19.9	14.2
3	22.0	14.7	20.5	19.8	24.9	27.2	28.7	26.2	27.2	24.2	20.2	16.4
4	20.4	17.3	20.7	18.1	27.6	28.2	29.4	25.4	27.2	23.6	22.6	19.1
5	21.4	17.6	22.2	19.9	27.5	28.3	30.0	25.8	26.5	23.8	22.7	22.0
6	22.1	17.1	23.8	25.4	28.4	28.1	28.9	25.5	27.4	22.0	20.2	23.4
7	18.8	18.4	25.5	27.0	27.5	26.8	29.2	26.2	27.0	22.0	21.2	21.8
8	17.8	19.5	23.1	25.7	26.0	28.2	29.1	24.8	27.6	22.2	19.8	20.0
9	20.4	20.1	22.8	24.9	26.8	29.0	27.9	25.0	27.3	22.2	21.4	19.8
10	21.0	20.8	22.8	24.1	27.3	28.8	27.7	25.6	26.8	22.8	22.4	18.1
11	21.8	21.7	23.4	25.6	27.8	25.8	27.3	26.8	25.8	22.8	23.0	17.3
12	21.8	21.8	23.5	26.5	29.1	25.1	28.4	27.1	26.4	22.0	21.4	16.6
13	21.8	23.3	23.4	24.9	30.0	24.3	29.1	28.4	27.1	21.9	20.0	17.4
14	22.6	23.9	22.1	23.4	30.1	25.4	29.8	28.0	27.9	23.0	18.2	16.8
15	19.4	23.5	19.7	23.7	28.1	28.2	30.1	28.2	27.6	22.7	18.5	18.1
16	16.6	21.4	20.6	24.2	23.2	28.0	30.0	27.3	26.8	23.2	20.8	17.2
17	20.0	21.9	20.4	26.6	23.1	28.6	29.8	26.8	26.5	22.4	22.1	18.3
18	20.6	22.4	19.4	28.7	22.2	26.8	29.9	26.6	26.0	22.4	18.4	19.4
19	18.8	24.2	20.6	27.2	22.8	26.6	30.0	27.0	25.0	23.2	15.2	19.6
20	19.1	24.6	20.6	23.9	23.0	27.2	30.0	27.8	27.1	22.4	16.6	21.2
21	19.8	22.9	20.6	24.7	25.8	28.4	30.0	27.2	27.0	22.8	19.3	22.3
22	20.0	23.0	21.6	25.7	27.0	27.9	28.1	27.3	25.1	20.7	18.3	21.9
23	20.1	22.3	21.9	27.6	26.8	28.2	28.0	28.0	24.8	22.6	15.4	22.2
24	21.0	23.4	20.8	28.8	25.4	27.6	29.2	25.8	24.6	24.6	17.2	17.8
25	19.5	24.0	20.5	29.7	26.8	28.1	29.7	26.2	25.0	25.0	17.0	16.6
26	19.2	21.5	21.6	27.4	28.6	29.8	27.8	26.2	25.0	24.6	14.2	16.1
27	20.5	18.7	21.8	26.1	29.2	29.2	28.6	26.5	25.2	22.5	13.6	16.2
28	22.8	18.4	26.3	24.8	29.1	28.0	29.1	27.7	24.3	21.0	14.8	16.0
29	21.6	-99.0	26.2	25.9	29.0	28.8	29.6	29.0	24.9	21.3	14.8	17.6
30	22.4	-99.0	27.4	27.1	26.2	28.9	30.3	28.6	25.6	21.2	18.4	19.6
31	15.9	-99.0	26.5	-99.0	26.0	-99.0	27.2	27.6	-99.0	20.8	-99.0	20.7
1980												
1	20.8	14.0	22.5	21.6	27.0	26.1	29.4	28.1	25.9	23.2	22.6	22.2
2	21.8	15.9	24.5	19.6	27.4	25.7	30.3	28.0	25.2	24.7	22.4	22.9
3	21.8	16.6	26.5	22.6	27.8	26.0	30.6	28.0	25.8	24.2	21.1	21.6
4	21.3	19.2	24.1	24.4	26.7	26.9	29.9	28.5	26.0	23.2	20.4	21.7
5	18.9	15.0	22.6	26.5	26.4	27.4	29.0	27.0	25.2	24.0	23.0	22.0
6	18.1	15.0	23.2	26.0	26.9	27.5	28.1	26.5	24.2	23.9	24.8	22.3
7	15.8	14.9	25.2	26.7	28.9	28.6	28.9	27.4	25.4	23.6	25.4	22.3
8	16.0	12.7	23.8	28.0	27.0	29.3	28.9	27.4	26.5	26.2	24.4	22.6
9	17.0	11.4	21.8	25.4	24.4	29.5	30.0	27.7	27.0	26.9	22.3	19.8
10	19.0	12.2	22.7	24.0	26.4	29.6	30.4	28.2	26.6	27.3	22.3	18.7
11	21.0	13.2	22.2	26.7	27.8	28.4	30.0	28.4	26.3	27.5	23.1	21.4
12	20.6	13.9	23.8	29.4	29.6	27.8	29.9	28.5	27.1	26.5	23.1	18.0
13	21.2	15.4	24.4	29.4	30.2	28.4	27.3	29.0	26.8	25.9	22.6	16.9
14	18.1	16.4	24.6	22.9	28.5	28.8	27.2	28.5	26.6	24.6	21.8	18.8
15	15.2	16.6	21.6	21.4	28.0	28.4	27.7	28.6	26.5	25.7	22.5	18.9
16	16.4	17.6	22.1	20.7	28.3	28.6	28.6	27.6	24.0	26.0	22.6	19.6
17	17.2	18.5	24.5	22.0	25.9	29.2	29.0	29.1	23.2	27.0	22.6	20.1
18	18.1	20.9	24.3	23.6	27.6	28.4	27.7	26.9	24.6	26.1	21.0	20.4
19	19.4	21.3	24.5	29.5	26.6	28.2	27.2	26.6	26.3	24.6	20.4	18.2
20	21.0	21.2	25.1	28.6	26.4	26.2	27.3	27.2	26.5	25.0	21.7	15.6
21	20.2	20.8	26.7	27.3	26.2	27.6	28.0	26.1	26.0	25.5	21.5	15.1
22	17.0	20.2	25.7	29.3	25.9	27.2	28.5	26.0	26.4	26.6	20.0	15.0
23	18.8	21.2	23.5	31.4	26.7	26.8	25.9	26.9	24.4	27.4	20.5	15.2
24	20.4	22.6	23.8	31.9	29.0	26.5	25.6	27.4	25.6	26.6	21.6	16.3
25	22.1	24.2	24.0	26.7	28.7	27.2	25.8	27.0	26.3	23.6	22.1	17.9
26	21.5	25.3	23.4	24.3	25.8	28.2	26.3	27.7	26.4	22.0	23.6	20.1
27	22.7	18.6	20.4	25.2	22.4	27.2	27.8	27.7	25.4	20.1	22.9	19.8
28	21.8	20.7	22.0	26.3	26.0	27.6	27.0	28.2	24.4	17.9	22.8	17.4
29	20.3	24.3	23.8	26.4	24.6	26.8	26.2	28.3	25.2	18.7	22.0	16.2
30	15.6	-99.0	26.8	27.6	28.8	27.8	26.6	26.6	24.7	20.4	21.7	16.8
31	13.1	-99.0	26.6	-99.0	29.7	-99.0	26.8	24.2	-99.0	22.9	-99.0	18.5
1981												
1	18.8	21.9	21.7	25.4	25.9	27.8	29.2	27.0	27.5	27.8	24.1	16.0
2	17.0	20.4	22.0	25.5	26.2	26.7	29.3	27.6	28.2	26.8	25.3	14.4
3	16.5	21.0	23.3	27.6	25.4	28.8	25.7	27.7	26.9	26.2	25.3	14.4
4	18.5	19.2	23.2	29.0	20.4	29.0	27.5	26.6	27.6	26.2	25.0	15.6
5	20.2	19.5	20.6	29.3	21.8	27.3	24.5	27.1	27.2	25.6	26.6	16.8
6	21.5	20.2	20.9	28.8	24.2	27.6	24.5	28.1	26.8	25.1	24.9	17.1
7	21.2	18.2	20.0	29.7	26.2	27.5	26.1	28.2	27.0	26.0	20.9	15.4
8	21.2	18.8	21.0	30.2	28.6	27.3	27.2	28.6	27.4	26.3	16.6	14.7
9	21.1	20.6	20.9	29.2	28.6	27.6	27.2	28.4	28.2	22.4	14.4	14.7
10	18.5	20.0	20.6	23.6	28.4	28.4	28.3	26.8	26.9	20.3	15.6	17.2
11	14.2	19.8	22.6	24.0	29.2	28.1	28.0	27.7	27.7	20.9	18.0	17.8
12	13.5	22.0	22.8	25.5	28.9	26.1	28.2	27.6	28.5	21.6	20.0	18.9
13	13.7	23.4	23.5	24.1	28.2	25.9	28.1	28.6	28.6	24.2	20.0	18.9

14	12.8	23.5	26.6	25.2	28.8	26.9	28.7	29.2	27.8	23.8	20.6	17.7
15	13.4	24.6	23.8	26.3	28.6	28.2	27.9	28.1	25.1	22.8	21.8	15.7
16	13.8	21.0	23.4	27.2	25.3	28.2	28.0	28.1	24.7	24.0	22.4	16.1
17	14.2	22.5	27.0	26.3	27.0	27.9	27.5	27.8	24.4	26.2	20.8	15.7
18	16.7	23.2	26.2	27.1	26.3	28.6	27.2	27.1	24.6	26.6	20.0	14.8
19	18.6	23.5	23.4	28.4	26.3	28.7	26.9	25.8	24.3	27.0	21.7	13.3
20	18.4	21.8	25.0	25.9	27.3	29.8	27.0	26.0	25.8	27.8	23.4	13.3
21	18.8	21.8	25.6	24.5	23.4	29.8	28.3	27.0	26.5	27.6	23.6	14.0
22	20.2	24.2	27.1	26.1	22.2	28.8	28.5	28.2	26.6	28.0	23.7	14.4
23	21.2	24.9	25.0	26.8	22.9	28.6	27.1	28.0	25.6	21.0	22.1	15.8
24	21.6	25.0	24.5	29.2	24.1	27.2	26.8	28.2	27.0	19.5	23.3	14.8
25	21.5	22.1	26.4	27.5	27.5	26.5	27.2	28.9	26.3	20.8	24.8	16.0
26	20.5	17.2	26.8	24.3	28.5	28.8	27.4	27.9	27.1	21.6	24.6	16.5
27	19.2	16.4	24.1	26.4	28.9	29.3	28.0	27.0	27.1	21.2	21.0	17.6
28	18.7	18.2	25.4	27.8	28.5	28.1	27.5	28.0	27.4	22.0	18.7	19.2
29	19.9	-99.0	26.2	25.1	28.7	27.3	26.6	27.1	28.2	21.5	17.4	18.3
30	21.7	-99.0	23.8	26.4	29.6	28.1	26.3	25.7	28.2	22.7	17.4	19.2
31	23.2	-99.0	26.2	-99.0	27.6	-99.0	27.6	27.2	-99.0	23.4	-99.0	20.6
1982												
1	18.9	21.1	18.0	22.6	26.3	29.4	28.6	28.5	28.1	26.6	24.2	18.8
2	19.2	21.6	18.8	25.7	27.6	30.0	28.6	29.4	26.7	26.2	24.2	21.7
3	19.2	22.2	20.5	23.8	26.4	28.4	28.2	30.5	26.8	25.2	24.5	22.2
4	21.4	22.9	24.8	18.8	27.2	27.8	27.7	28.6	26.0	26.1	24.7	23.4
5	18.3	22.8	26.7	18.2	27.3	28.3	26.4	27.8	26.0	26.0	24.4	23.0
6	19.0	20.5	23.9	20.9	25.6	29.2	27.1	27.2	25.9	26.4	24.4	19.3
7	18.0	20.0	24.3	20.9	25.6	24.8	27.8	26.8	24.0	26.2	24.2	17.2
8	16.3	18.0	23.3	20.6	26.5	25.3	27.9	26.1	25.1	25.8	24.6	18.5
9	17.2	17.3	18.8	19.8	28.6	26.1	27.5	25.1	25.5	25.2	23.9	20.1
10	18.2	15.8	19.0	20.3	29.3	26.6	28.7	26.3	26.7	24.1	20.2	21.8
11	19.4	13.3	22.4	22.6	29.8	27.7	28.8	26.2	26.8	23.6	18.8	20.7
12	20.4	13.9	23.0	23.2	29.3	28.5	28.8	27.4	26.5	23.7	20.2	15.4
13	19.8	16.0	25.1	24.6	27.8	27.8	29.5	27.0	27.6	24.5	22.9	13.3
14	20.9	15.0	25.2	22.4	22.2	28.2	27.3	26.2	26.3	24.3	24.6	13.2
15	19.0	13.0	25.7	20.4	23.0	28.8	28.3	26.9	26.8	24.8	25.2	14.1
16	17.2	13.8	25.6	23.8	25.6	28.8	28.1	27.7	26.7	24.6	24.4	15.7
17	15.1	16.3	26.8	25.8	27.8	29.0	28.2	27.4	25.9	25.2	23.3	15.6
18	14.0	18.7	26.6	24.1	28.8	29.1	28.4	27.0	27.4	22.9	23.7	14.0
19	15.8	22.2	26.1	24.8	25.9	29.5	27.4	26.1	28.1	22.2	23.0	11.9
20	16.3	24.6	24.4	25.8	26.0	29.2	28.3	26.0	28.0	23.5	22.8	11.1
21	19.0	24.5	23.8	25.8	26.8	29.5	28.4	27.0	26.4	25.4	24.6	11.3
22	21.1	24.8	24.8	26.8	28.2	29.6	27.7	26.3	26.4	26.0	25.6	11.8
23	20.7	23.7	26.4	26.4	28.2	27.3	28.6	25.9	26.6	25.7	24.8	12.5
24	20.8	22.2	26.1	26.8	28.1	26.2	29.8	26.7	26.2	25.2	23.0	14.7
25	22.1	21.3	25.3	25.6	28.3	26.2	28.0	27.2	27.1	24.7	21.8	16.2
26	21.1	21.0	23.2	25.7	28.2	26.4	28.6	27.6	25.2	25.0	21.3	13.6
27	18.7	20.4	20.4	27.0	27.6	27.1	29.4	28.3	24.8	25.7	22.4	12.0
28	19.0	19.1	19.4	26.1	28.2	27.8	29.5	28.7	24.8	26.4	23.8	10.6
29	20.2	-99.0	20.2	27.5	27.7	27.0	28.5	28.8	25.4	26.5	19.4	11.2
30	20.5	-99.0	21.6	27.2	27.8	27.9	27.4	28.3	25.6	25.0	16.5	14.2
31	21.5	-99.0	23.0	-99.0	29.7	-99.0	26.8	28.9	-99.0	24.6	-99.0	16.4
1983												
1	17.2	20.8	20.5	19.8	23.2	30.6	30.6	27.6	27.7	25.8	21.4	13.2
2	19.2	21.3	21.2	20.4	24.0	30.9	30.3	27.4	27.5	24.9	22.1	13.8
3	17.3	18.6	22.6	21.2	25.3	30.7	30.2	28.6	27.0	24.0	22.7	14.4
4	18.4	16.9	19.9	21.7	27.5	31.9	29.9	26.6	27.4	26.0	22.6	14.4
5	16.8	16.8	14.4	22.2	26.1	30.9	30.9	27.9	27.9	27.4	22.7	14.4
6	16.8	17.5	13.6	23.6	26.5	26.5	31.4	26.4	26.6	27.3	21.6	16.0
7	18.9	18.1	14.8	24.8	27.5	24.9	32.0	26.7	27.6	28.2	22.2	17.9
8	18.0	18.5	16.2	26.9	26.9	25.4	31.9	27.3	27.8	25.8	22.5	16.4
9	16.0	18.4	18.4	25.9	28.9	27.9	30.2	28.2	28.8	25.0	24.1	15.3
10	16.2	20.8	18.8	26.1	28.9	30.0	29.7	28.9	28.0	23.8	24.7	15.7
11	15.5	19.7	20.8	27.1	28.4	30.0	31.2	29.0	26.6	23.7	25.1	18.1
12	14.7	17.2	21.3	26.0	28.2	29.7	31.6	29.2	26.8	24.6	24.2	18.1
13	13.9	15.6	19.4	28.5	29.0	28.8	32.2	29.5	25.6	25.2	21.2	17.6
14	14.9	16.7	20.2	26.5	29.8	29.2	30.8	29.8	26.7	23.9	21.0	18.8
15	16.9	19.8	21.5	26.8	29.4	30.7	30.8	28.6	27.6	24.8	20.4	20.8
16	19.4	18.7	20.5	23.4	25.8	32.0	28.6	27.9	27.2	25.1	20.2	20.7
17	20.5	18.0	16.4	22.8	26.5	32.2	30.3	28.8	26.8	25.2	20.0	21.8
18	20.2	17.2	16.6	24.4	24.9	32.6	26.5	27.8	27.2	25.1	18.5	19.9
19	17.1	19.2	19.4	25.5	28.1	32.2	27.0	27.6	27.1	25.8	19.0	20.6
20	13.1	19.4	23.7	26.0	29.5	32.1	29.0	27.4	27.7	25.8	19.3	21.9
21	11.0	16.6	25.0	25.9	30.0	31.0	29.6	27.2	28.6	26.4	18.1	21.4
22	9.8	15.6	24.9	27.0	30.6	30.0	30.4	26.8	28.5	26.4	17.9	20.8
23	11.6	17.5	24.1	26.3	30.0	28.0	28.9	27.6	27.2	25.0	17.4	17.7
24	12.2	18.3	24.4	24.7	31.3	29.5	29.0	27.2	28.2	24.7	15.5	15.4
25	12.0	18.0	23.0	28.2	31.2	31.0	29.6	26.5	28.3	25.2	15.5	14.2
26	12.9	17.1	20.5	27.7	30.5	27.2	29.4	25.3	27.6	23.0	15.4	13.4



27	13.2	17.3	22.2	27.0	29.1	26.9	28.9	27.6	28.2	20.4	14.8	12.9
28	15.8	18.6	19.7	29.2	30.0	28.8	28.5	27.5	26.4	20.6	13.4	11.5
29	17.2	-99.0	18.8	26.8	28.6	30.0	28.2	26.9	25.7	21.1	12.8	10.2
30	17.6	-99.0	18.9	24.2	29.1	29.9	29.0	28.3	26.1	20.6	13.4	11.4
31	18.2	-99.0	18.4	-99.0	30.1	-99.0	28.5	27.2	-99.0	19.8	-99.0	12.6
1984												
1	12.4	13.3	12.7	28.4	28.0	28.5	28.3	28.6	28.7	26.3	22.8	19.8
2	15.2	14.8	14.3	29.4	29.8	27.4	27.3	28.9	26.8	27.3	21.5	17.6
3	15.2	15.2	15.2	30.0	27.7	29.3	28.0	28.0	26.8	27.6	21.0	16.9
4	13.6	15.4	16.3	29.6	28.0	29.4	27.4	27.4	25.6	27.2	20.6	18.4
5	13.4	16.3	15.6	29.1	23.1	29.8	28.2	27.1	26.3	25.9	21.2	19.0
6	13.7	13.8	17.5	26.3	22.6	29.5	28.6	26.2	26.8	25.0	23.2	18.3
7	14.0	12.2	18.0	25.4	23.4	29.8	28.9	25.3	27.2	24.2	24.2	19.9
8	13.2	12.2	19.0	26.5	24.2	28.8	29.2	25.6	27.2	23.9	20.0	21.2
9	12.2	14.0	18.3	25.6	25.2	29.2	30.2	27.6	27.2	26.6	22.8	22.4
10	12.6	15.8	18.2	26.0	26.4	28.7	28.0	27.8	27.3	27.4	25.6	21.7
11	14.2	17.5	18.3	26.8	30.1	25.4	26.6	28.0	28.5	27.9	25.4	21.8
12	16.2	17.8	21.3	26.0	30.1	27.9	26.9	27.1	27.3	26.7	25.0	22.6
13	18.0	18.8	23.9	26.2	26.8	29.6	25.5	25.3	26.0	24.4	24.8	22.5
14	16.9	18.7	23.3	25.8	26.4	30.0	26.7	26.2	26.6	22.1	25.7	21.0
15	19.9	18.6	23.4	26.9	27.9	30.0	28.3	27.3	27.6	22.6	25.2	21.8
16	21.4	19.6	23.1	26.2	27.5	29.9	29.1	26.4	28.4	24.7	24.1	20.7
17	20.5	22.1	24.6	26.6	28.3	30.0	29.3	27.8	28.1	24.1	24.6	21.1
18	21.8	17.1	26.2	26.5	28.8	29.1	30.7	27.0	26.7	21.8	24.8	22.4
19	17.6	17.7	25.9	25.8	29.1	29.2	29.3	27.6	26.1	22.1	24.5	20.0
20	16.9	19.0	22.2	28.0	27.7	28.2	28.8	28.4	26.1	22.8	21.2	18.5
21	14.4	22.0	19.7	27.3	26.2	26.4	28.0	29.0	26.7	21.6	20.8	17.5
22	12.0	24.6	19.0	23.8	26.4	27.6	29.5	28.6	25.0	21.8	21.2	14.4
23	13.8	23.1	20.2	23.4	27.5	28.1	29.4	29.4	26.6	22.1	20.8	13.3
24	15.1	23.0	20.6	24.4	27.9	30.1	30.7	28.8	26.8	21.7	19.9	12.2
25	14.1	22.1	21.4	25.5	27.7	29.6	31.0	27.9	27.8	21.5	18.6	12.6
26	13.2	18.0	24.5	26.8	26.9	25.8	29.7	27.4	27.7	21.2	18.0	15.1
27	14.0	15.3	24.2	28.2	27.4	27.3	28.6	26.8	27.6	20.2	19.9	14.6
28	14.5	15.0	21.7	25.2	26.4	28.0	27.2	27.8	26.1	19.5	18.6	13.4
29	15.6	13.1	22.1	24.2	27.2	28.5	28.8	28.8	25.0	19.9	18.4	11.5
30	15.7	-99.0	24.0	25.8	28.6	28.2	27.6	28.2	24.6	20.1	18.4	11.9
31	13.8	-99.0	26.6	-99.0	28.8	-99.0	25.3	27.6	-99.0	22.0	-99.0	13.7
1985												
1	17.0	17.1	21.0	18.4	25.1	30.6	28.7	28.1	26.4	23.4	22.5	18.5
2	18.6	16.7	24.2	19.0	27.8	29.3	28.7	27.5	27.3	22.3	21.4	18.2
3	19.4	18.2	22.5	18.9	28.1	29.9	28.7	27.8	27.2	23.5	22.6	20.0
4	18.7	20.8	20.8	20.0	28.2	28.2	28.1	28.1	28.0	23.2	22.8	20.6
5	17.0	22.4	17.4	22.4	29.3	29.4	28.0	28.8	27.6	23.9	22.0	21.5
6	18.4	21.5	18.4	24.3	29.4	29.3	28.1	28.8	28.1	22.0	22.8	21.2
7	18.9	21.2	20.8	25.3	27.2	30.9	27.4	29.3	28.0	21.7	22.9	21.6
8	16.4	20.1	22.2	25.0	26.6	31.2	27.0	27.4	27.8	22.2	24.0	21.9
9	15.9	20.1	21.6	26.9	28.2	30.8	28.1	26.6	26.0	24.2	21.6	22.4
10	14.4	21.5	19.4	27.2	29.2	30.2	27.0	28.9	24.4	26.4	21.1	21.2
11	15.0	20.8	17.2	25.1	27.9	30.7	27.6	28.8	25.0	25.1	22.5	18.9
12	15.7	19.3	14.8	27.4	27.1	29.5	28.0	27.7	25.6	25.2	22.9	16.8
13	14.8	18.6	15.2	23.9	28.4	27.0	28.6	26.8	26.0	25.3	22.8	17.0
14	14.0	19.8	14.6	21.2	27.5	25.7	29.0	26.2	26.4	26.6	20.8	16.1
15	14.7	24.2	15.2	21.4	27.3	27.0	28.8	26.2	24.2	26.6	22.1	15.5
16	15.9	21.8	14.8	22.6	26.6	26.6	29.6	27.1	26.2	24.8	20.6	14.0
17	17.3	24.2	15.4	23.1	27.4	27.2	28.3	27.4	26.2	25.7	20.5	13.0
18	17.2	22.1	16.4	24.3	28.2	26.2	27.6	28.0	26.0	26.2	20.2	15.6
19	17.1	21.9	17.2	21.9	29.1	25.9	27.4	28.0	25.8	25.7	21.2	17.3
20	17.8	20.1	17.2	25.4	27.0	25.1	28.0	27.8	26.5	26.2	22.3	17.4
21	18.3	17.2	17.2	25.8	27.0	25.2	27.9	28.9	26.2	22.6	24.2	17.2
22	21.0	15.0	16.9	25.4	28.6	27.7	28.6	27.6	26.7	19.4	24.5	16.2
23	20.8	14.6	17.8	26.7	28.5	29.3	28.2	26.4	26.0	21.3	23.5	15.6
24	20.6	14.8	20.1	24.5	27.9	29.0	28.4	25.8	25.8	23.6	21.2	12.2
25	17.6	17.3	22.2	28.4	29.3	29.7	28.3	27.0	25.0	24.0	19.9	15.6
26	16.4	18.3	25.4	26.0	30.6	29.1	29.4	28.0	25.5	25.3	21.0	18.2
27	17.0	17.6	28.8	22.0	30.2	28.4	29.5	26.2	24.6	26.0	23.2	19.4
28	18.0	18.2	26.8	22.6	29.6	28.4	27.3	26.8	25.3	26.3	25.4	19.1
29	17.1	-99.0	23.6	23.4	30.0	25.4	27.2	27.6	25.4	26.4	22.5	20.6
30	13.4	-99.0	19.5	25.6	30.4	27.3	27.1	27.6	24.3	26.1	18.8	19.3
31	15.0	-99.0	17.3	-99.0	29.4	-99.0	28.1	26.9	-99.0	23.2	-99.0	21.4
1986												
1	15.6	21.9	10.6	22.0	23.9	28.6	31.0	27.1	28.3	21.7	21.3	15.7
2	14.2	21.1	10.3	24.4	25.2	27.8	30.5	28.6	27.8	20.5	22.8	16.7
3	16.9	20.5	13.4	24.0	24.6	26.4	30.3	29.2	27.6	22.4	21.8	17.6
4	16.3	17.2	12.5	25.0	25.8	26.4	30.0	29.6	27.0	24.7	22.9	16.8
5	14.0	17.8	13.5	25.0	26.4	27.8	28.7	29.4	27.4	23.3	23.3	17.0
6	11.9	16.6	15.0	24.7	27.5	28.5	26.8	28.4	24.6	24.7	24.4	20.0
7	11.8	15.0	16.2	24.2	24.6	28.2	27.3	27.9	25.4	25.4	25.4	19.4

8	12.7	14.1	20.1	25.5	25.6	28.0	27.9	27.3	25.6	26.2	23.1	18.2
9	13.5	16.0	21.0	26.0	25.4	28.3	25.4	26.2	26.6	26.0	20.5	17.3
10	15.2	16.2	22.6	25.8	24.7	29.2	27.5	26.7	26.2	23.1	19.3	17.7
11	13.7	16.6	21.1	24.8	25.2	27.4	29.9	25.9	25.4	23.9	19.5	16.6
12	16.6	18.4	23.9	26.2	27.5	26.6	29.7	26.7	27.3	22.4	20.4	17.5
13	17.1	21.5	24.8	26.0	29.0	25.9	28.2	28.0	27.7	22.4	21.8	19.3
14	18.9	23.9	24.3	25.8	27.3	27.9	28.8	28.4	28.2	24.7	24.0	21.0
15	19.9	23.0	21.6	24.6	27.8	28.4	29.8	27.8	28.4	25.8	22.4	21.7
16	19.9	23.4	23.2	25.2	27.2	28.0	30.2	28.6	26.7	26.8	22.8	21.8
17	22.9	25.0	24.4	27.2	27.0	27.6	30.1	28.6	27.7	27.7	22.5	22.4
18	22.3	23.2	24.9	30.1	27.4	27.9	28.4	29.5	26.0	26.6	21.2	21.7
19	22.2	19.4	21.5	25.7	28.2	27.0	27.4	28.9	27.1	26.8	21.3	18.4
20	22.0	18.3	22.3	26.0	28.4	27.8	28.2	29.2	25.0	26.9	20.8	17.0
21	21.7	18.0	22.0	25.0	27.4	27.9	26.4	29.5	24.0	26.0	20.8	18.6
22	20.6	16.7	21.2	24.5	26.5	28.4	25.8	27.4	22.8	23.2	20.1	17.0
23	19.1	19.5	20.0	24.8	26.0	27.0	26.4	26.4	22.9	23.4	20.5	19.0
24	20.6	18.5	19.7	25.4	26.4	28.3	26.7	27.2	23.4	24.2	19.9	19.7
25	20.2	17.9	20.0	27.6	27.0	28.8	27.4	26.4	23.0	26.0	18.9	19.8
26	16.8	18.2	21.2	28.8	26.1	28.7	27.9	26.9	23.7	26.6	18.6	18.6
27	15.2	17.3	22.0	26.6	27.6	28.8	29.0	27.5	24.8	27.0	17.8	18.8
28	16.6	14.6	22.7	24.6	28.9	29.3	28.6	28.3	26.4	25.8	18.2	19.6
29	18.0	-99.0	28.7	25.4	28.2	30.1	27.9	29.4	26.2	22.2	17.5	19.2
30	19.4	-99.0	28.2	26.3	28.7	30.7	27.6	28.6	25.9	20.4	16.2	21.1
31	20.3	-99.0	23.8	-99.0	28.5	-99.0	27.9	28.5	-99.0	19.9	-99.0	21.4
1987												
1	21.6	21.4	16.5	26.5	27.5	28.2	30.6	24.2	26.9	27.2	26.6	16.0
2	22.6	20.0	17.0	27.8	28.9	26.2	30.0	26.2	27.1	26.5	25.1	14.4
3	22.6	18.0	16.9	22.1	27.8	28.4	29.5	27.3	27.9	27.1	22.0	12.8
4	22.0	16.6	21.4	24.2	25.9	29.0	27.8	28.2	28.6	26.7	20.8	15.5
5	20.8	18.1	22.4	29.0	26.3	28.2	27.6	28.9	28.4	27.8	21.0	16.4
6	20.7	19.3	21.5	27.0	25.8	29.2	28.4	28.8	27.2	27.6	21.9	12.7
7	21.0	20.7	24.2	22.0	28.4	28.0	27.8	29.5	26.9	25.8	20.4	11.2
8	20.4	20.9	23.8	23.0	28.4	23.8	28.1	28.8	26.2	25.0	19.3	11.2
9	18.8	20.4	25.6	25.4	28.6	25.0	27.9	27.8	26.3	27.0	20.2	11.4
10	18.2	21.6	26.2	28.2	27.0	27.7	28.6	26.8	27.4	27.3	21.3	12.8
11	20.2	22.7	26.6	28.0	28.4	28.4	27.3	27.6	27.6	28.0	23.6	15.6
12	19.7	24.8	28.0	28.9	28.7	30.1	29.3	27.8	26.5	28.8	24.6	17.8
13	17.8	22.8	29.3	23.4	28.5	29.8	26.6	28.9	26.4	27.9	24.8	18.3
14	18.4	23.0	27.8	20.0	26.6	29.1	26.0	29.8	27.2	26.8	24.3	17.6
15	18.6	22.7	26.0	19.4	28.3	26.8	28.3	29.0	27.6	27.2	25.5	17.5
16	19.9	22.8	24.5	20.6	29.4	26.3	28.4	25.5	27.0	27.9	25.1	17.6
17	20.4	24.3	27.1	21.7	28.1	29.2	29.2	26.2	26.5	28.5	25.8	14.2
18	20.6	23.8	25.5	24.4	26.6	28.9	28.6	27.3	26.2	28.6	21.9	13.4
19	21.1	24.2	24.4	26.9	29.9	30.3	29.6	28.4	27.3	25.6	21.6	13.3
20	21.4	24.3	26.5	27.9	30.2	29.3	30.1	28.0	26.4	26.1	21.6	14.2
21	22.4	23.4	26.1	27.9	31.9	27.9	30.4	27.3	25.7	27.3	22.2	13.5
22	23.1	21.8	27.1	25.1	30.7	29.4	29.6	26.4	26.1	26.0	24.4	14.0
23	23.2	23.4	27.2	28.0	28.6	28.7	26.6	25.1	26.9	23.3	24.5	13.8
24	19.9	23.6	27.9	29.2	28.2	30.2	27.4	27.0	27.1	21.6	24.0	13.0
25	16.6	21.4	24.6	30.6	29.5	31.2	28.8	28.0	26.6	21.8	24.4	15.8
26	13.8	23.6	20.0	28.4	30.6	30.7	28.5	28.2	23.9	20.5	25.2	18.0
27	13.8	21.4	21.0	24.3	29.4	31.0	29.2	29.2	23.6	20.0	26.2	18.8
28	14.5	16.6	23.3	25.1	26.5	31.4	29.4	28.8	25.6	20.0	26.0	20.4
29	15.9	-99.0	22.7	26.0	26.4	30.8	28.8	28.7	26.9	22.4	20.6	20.5
30	19.8	-99.0	24.3	25.6	27.6	29.9	27.9	27.0	27.1	25.2	17.2	20.4
31	20.7	-99.0	25.0	-99.0	28.7	-99.0	25.6	26.5	-99.0	26.0	-99.0	20.8
1988												
1	18.8	23.1	19.8	20.1	27.8	27.9	29.1	27.0	29.0	24.3	21.1	16.6
2	20.1	21.4	16.7	21.2	27.1	28.5	29.4	26.4	29.3	23.4	21.9	16.4
3	21.9	20.2	14.2	20.8	27.5	27.8	29.1	27.6	30.4	25.0	21.1	16.6
4	22.6	20.9	14.2	22.0	29.0	26.9	28.1	28.6	28.0	24.2	21.0	18.5
5	21.1	22.3	14.0	24.6	30.3	24.2	28.7	28.7	27.8	25.1	18.5	18.8
6	17.8	24.0	13.7	27.9	30.0	25.9	29.2	25.7	28.5	24.9	17.9	18.4
7	20.2	25.1	13.3	24.2	29.0	25.3	29.9	28.0	27.6	26.0	18.2	19.3
8	20.8	22.0	13.8	19.5	29.5	28.1	30.1	27.1	29.8	24.8	18.2	21.2
9	20.9	18.6	14.7	19.8	28.8	29.3	30.8	27.2	29.5	24.3	18.2	18.8
10	19.8	17.9	17.4	22.0	28.1	30.6	29.8	27.3	28.6	23.8	17.7	15.8
11	19.7	16.6	21.2	23.4	29.1	31.1	30.0	28.6	29.0	22.5	18.0	16.7
12	18.0	17.5	25.3	23.0	28.9	29.8	28.8	28.6	29.6	22.1	17.8	16.2
13	18.6	19.7	28.5	22.8	27.4	30.0	25.9	28.0	29.6	22.6	19.4	15.2
14	19.2	20.6	28.5	21.5	27.0	30.7	27.8	27.5	29.8	23.7	19.8	17.0
15	20.8	20.1	28.8	21.2	25.2	30.3	26.4	26.4	27.3	25.0	19.7	17.6
16	21.8	19.9	26.6	23.0	25.5	30.4	29.0	29.1	26.3	23.2	20.8	17.7
17	21.2	17.8	24.7	25.0	26.7	28.9	27.0	29.2	25.0	22.9	21.3	15.0
18	16.4	14.6	20.0	23.8	29.4	27.6	30.0	27.8	23.9	24.2	19.7	17.4
19	15.5	13.4	18.8	25.8	29.7	28.6	30.8	27.8	24.2	24.1	18.8	19.2
20	16.7	15.0	21.0	28.5	31.0	30.4	31.5	27.5	26.4	25.8	18.4	19.8

21	18.6	15.8	23.8	29.6	30.5	30.8	29.3	28.5	25.8	25.1	17.4	19.2
22	20.8	18.2	23.5	25.6	31.6	31.4	28.7	28.1	25.5	24.9	18.2	20.5
23	19.9	21.0	20.0	23.3	31.4	31.0	31.1	28.5	25.7	24.5	19.8	20.4
24	21.8	22.8	19.4	23.8	32.0	30.2	30.9	27.5	25.6	23.4	20.7	18.6
25	22.2	23.8	21.9	26.0	32.1	30.4	29.8	27.8	25.2	23.0	20.4	20.9
26	23.1	23.8	21.4	26.2	30.3	31.1	30.6	27.8	25.0	23.7	21.0	19.2
27	21.1	25.0	26.4	27.7	28.5	30.4	30.9	27.9	25.4	23.3	17.6	19.5
28	20.4	26.4	29.0	26.8	28.5	27.7	31.2	27.0	22.6	22.2	18.3	18.7
29	21.4	23.0	24.6	26.7	29.8	28.0	28.8	27.8	22.8	19.1	16.8	17.2
30	22.4	-99.0	20.1	27.4	27.8	29.1	27.4	28.8	24.3	19.0	16.7	19.2
31	23.0	-99.0	19.2	-99.0	27.6	-99.0	27.0	27.9	-99.0	19.6	-99.0	18.4
1989												
1	18.6	15.5	22.4	22.3	26.4	27.2	27.2	27.4	29.2	26.4	23.8	14.6
2	19.5	14.9	23.8	25.9	25.0	27.5	27.3	27.1	29.5	26.4	24.2	13.9
3	19.1	13.1	24.9	26.9	24.0	28.8	27.4	27.2	28.4	23.5	24.4	14.6
4	19.6	13.2	21.8	27.0	24.4	28.4	28.2	27.0	28.3	24.9	24.8	16.4
5	20.9	14.9	16.2	26.8	24.0	28.6	26.1	27.2	28.2	23.8	24.8	17.6
6	21.0	16.2	14.3	25.4	25.1	28.7	27.8	28.4	26.5	24.2	25.2	18.3
7	22.2	16.4	13.6	25.2	27.5	28.4	28.4	27.7	25.7	24.9	25.8	20.0
8	20.5	16.8	15.0	22.7	29.2	29.3	29.4	26.8	24.4	24.2	25.2	18.5
9	18.1	15.5	15.9	21.4	29.2	26.6	29.2	26.3	23.8	24.0	21.8	18.2
10	19.2	13.8	17.7	21.8	29.4	27.2	28.4	25.6	25.5	23.7	21.1	18.5
11	20.8	13.6	19.4	23.4	28.3	25.0	27.0	26.8	28.0	21.8	22.0	19.3
12	22.0	16.1	20.9	24.9	28.8	25.4	26.7	26.9	26.5	24.4	23.8	18.3
13	16.8	14.7	23.4	28.1	29.0	25.0	27.0	25.3	27.2	23.5	23.9	18.5
14	10.9	17.9	24.0	29.6	24.3	24.8	28.0	27.2	26.6	23.9	22.0	17.8
15	12.3	20.6	24.6	25.2	23.0	26.5	28.6	27.9	26.3	25.4	21.6	16.9
16	13.3	23.6	22.2	23.0	26.4	27.4	30.0	28.8	25.4	24.4	21.2	18.2
17	15.3	22.3	22.5	25.8	27.1	28.8	29.2	28.8	26.2	23.7	19.7	17.3
18	17.1	21.2	23.3	28.8	28.2	29.2	29.5	28.1	26.2	22.8	18.5	18.6
19	17.2	21.7	25.9	29.5	28.5	29.3	28.0	28.7	27.1	20.6	18.0	18.4
20	17.4	22.3	25.5	30.1	27.9	28.7	28.8	27.6	27.8	21.6	19.3	18.0
21	18.2	22.2	21.3	30.3	27.3	28.7	29.6	26.5	27.0	21.4	20.2	18.8
22	15.5	22.2	21.2	26.1	28.2	29.2	28.6	27.2	26.5	19.5	19.7	20.3
23	14.7	21.8	20.5	23.8	28.2	28.8	26.4	26.0	26.0	20.0	18.5	21.2
24	14.6	21.8	23.7	23.8	28.1	27.2	24.2	23.8	26.0	22.5	18.5	19.3
25	15.5	18.9	23.6	24.8	24.4	28.1	26.7	26.0	26.0	24.6	18.1	20.5
26	15.3	20.8	19.1	25.6	23.1	27.1	27.5	27.4	26.8	25.2	18.0	21.0
27	14.8	21.0	19.2	25.3	25.6	26.2	28.5	28.8	27.2	25.0	19.1	19.8
28	13.8	21.1	19.3	26.0	27.0	28.2	27.7	28.6	27.8	25.0	18.6	20.8
29	14.2	-99.0	19.6	26.9	28.4	28.4	25.6	28.0	26.9	24.2	16.4	20.5
30	14.2	-99.0	21.0	25.0	28.2	28.1	24.6	27.3	26.4	24.0	14.8	17.8
31	14.3	-99.0	21.4	-99.0	27.3	-99.0	26.0	28.8	-99.0	24.0	-99.0	17.6
1990												
1	18.4	12.1	16.9	28.3	28.0	25.0	27.3	28.7	27.2	25.6	24.3	15.4
2	18.3	15.0	16.0	26.8	28.2	24.3	25.5	28.8	27.7	25.4	24.7	13.6
3	17.8	15.5	15.6	25.9	27.2	24.6	26.3	29.0	26.8	24.9	25.9	14.8
4	19.0	14.7	16.1	24.6	22.1	25.4	26.5	27.3	27.1	23.5	27.4	13.4
5	20.5	14.8	14.6	19.8	22.1	27.9	26.5	27.5	27.0	24.2	26.8	13.4
6	20.6	16.4	14.6	20.2	24.4	28.2	27.8	28.0	27.5	24.4	26.2	14.2
7	20.3	18.4	15.6	22.2	24.8	28.8	28.1	28.7	27.7	24.4	26.4	14.6
8	21.1	20.0	14.9	23.8	25.4	29.7	29.3	28.3	28.0	25.2	26.6	15.5
9	21.8	21.2	15.6	25.4	25.6	27.1	28.8	29.3	27.3	24.4	22.3	18.8
10	22.7	22.0	19.3	27.1	26.5	28.6	29.3	29.0	27.4	24.0	18.3	18.6
11	21.9	20.9	22.3	27.2	24.6	28.6	28.6	28.0	27.4	24.0	17.4	19.7
12	21.5	20.8	21.4	23.6	25.5	28.4	28.2	28.8	27.6	23.6	18.8	20.5
13	21.4	21.8	21.4	23.2	25.9	29.2	29.4	28.9	26.4	22.3	20.2	22.2
14	22.8	24.2	23.9	25.2	27.2	30.1	28.2	28.6	26.8	24.1	21.0	21.9
15	23.7	24.6	21.8	28.5	27.6	28.0	28.9	28.7	26.1	23.8	19.6	22.4
16	17.6	24.5	21.8	28.0	26.6	26.5	28.4	27.7	26.7	24.0	20.7	21.6
17	17.1	23.8	22.1	28.3	22.4	27.0	28.8	27.7	26.8	24.0	22.4	21.6
18	17.8	23.5	20.4	26.6	24.1	27.2	28.8	28.1	25.7	23.2	24.8	22.2
19	19.0	25.7	21.2	27.8	26.8	28.0	27.8	28.3	24.7	23.6	25.2	21.4
20	16.7	26.4	21.0	28.7	26.1	28.2	26.8	29.1	23.8	24.5	24.2	20.8
21	15.7	24.4	22.4	29.0	26.9	28.2	26.8	29.4	25.5	25.7	22.9	21.8
22	16.5	23.6	24.8	29.8	27.6	28.4	25.1	29.9	27.1	26.6	19.8	19.4
23	13.9	22.5	26.8	27.8	26.6	27.8	24.2	30.3	27.1	27.2	20.3	16.8
24	14.7	18.5	25.6	24.5	25.2	27.4	25.5	28.2	26.8	27.0	21.8	17.4
25	15.3	15.6	25.6	22.9	23.4	28.2	26.5	26.6	26.7	22.4	21.2	19.1
26	15.9	14.4	25.8	22.4	25.8	27.9	27.2	26.4	26.5	22.0	20.5	20.4
27	16.1	15.8	27.4	24.3	27.4	27.2	27.4	27.0	27.5	21.7	20.8	20.9
28	16.8	17.1	27.8	26.4	27.7	25.6	27.5	27.5	26.8	22.8	19.9	21.3
29	17.3	-99.0	27.4	28.0	28.4	27.6	26.8	25.4	26.5	22.1	20.0	21.5
30	19.3	-99.0	27.2	28.6	28.0	28.2	27.0	24.8	27.0	21.9	19.7	22.9
31	19.0	-99.0	26.8	-99.0	26.9	-99.0	28.0	27.3	-99.0	23.8	-99.0	21.8
1991												
1	21.7	16.1	24.6	15.6	32.8	31.7	28.4	28.0	28.4	26.1	19.1	21.3

2	23.0	15.0	25.2	16.7	24.8	31.1	28.8	27.3	28.2	27.1	19.9	22.5
3	22.9	17.8	23.3	19.5	24.8	27.6	29.6	28.9	27.5	27.2	19.0	21.6
4	23.7	18.1	23.6	21.7	27.3	27.3	28.8	29.0	26.7	26.2	20.5	19.3
5	19.4	18.8	26.7	24.1	29.0	25.6	29.5	29.4	28.4	23.2	21.7	20.8
6	17.7	19.2	25.9	23.3	29.4	27.4	28.8	29.6	28.3	23.0	22.9	19.6
7	18.6	20.7	24.5	24.5	28.4	28.1	29.4	28.6	28.5	23.7	23.7	20.7
8	18.9	22.1	24.9	28.3	24.0	28.7	29.5	27.2	29.0	24.5	23.7	19.4
9	18.2	23.0	26.8	29.9	21.8	29.6	30.0	28.3	29.0	24.5	23.0	19.3
10	20.7	23.6	27.2	29.7	25.3	29.0	29.7	27.6	28.1	25.6	23.1	20.5
11	21.1	23.2	26.8	30.3	27.9	27.5	30.1	26.8	27.9	25.9	21.2	20.7
12	18.8	23.6	25.7	29.7	27.1	27.0	30.2	26.4	27.5	28.3	20.4	19.8
13	18.4	23.9	24.3	29.3	28.3	27.7	30.3	26.9	26.9	28.4	20.1	19.1
14	18.9	25.3	22.8	27.2	26.4	29.3	26.3	26.4	27.7	25.7	20.2	18.6
15	15.5	18.7	23.2	28.4	26.4	30.3	26.8	26.7	27.6	26.6	17.7	19.1
16	16.7	20.4	22.5	29.9	26.7	29.9	26.9	27.0	27.2	28.1	17.0	19.8
17	18.9	21.5	22.0	30.9	27.7	29.1	26.4	25.8	26.9	25.2	18.2	19.1
18	19.6	21.7	22.2	31.4	28.4	29.3	27.1	24.4	27.2	25.0	17.5	18.8
19	20.9	22.0	23.8	27.1	26.9	29.6	28.6	26.5	27.7	24.6	17.4	18.1
20	21.8	17.7	28.0	23.3	26.9	29.0	29.4	27.8	26.9	23.4	17.1	19.4
21	22.8	14.9	27.4	21.9	28.2	30.0	29.3	28.7	26.5	22.5	18.1	19.1
22	23.9	13.8	27.8	22.4	30.0	28.1	27.3	28.7	26.2	22.0	21.5	19.6
23	23.0	16.1	27.4	23.6	29.9	26.0	26.9	27.4	25.5	21.4	23.2	21.0
24	22.7	15.3	29.4	25.1	29.5	25.3	29.1	27.3	26.1	22.2	23.5	21.4
25	22.5	17.9	30.1	26.5	29.3	25.0	26.2	27.1	25.9	22.8	19.9	21.5
26	22.2	20.2	29.3	26.4	28.2	25.0	26.6	26.8	26.4	23.4	19.0	22.0
27	19.8	21.7	29.4	28.5	27.4	26.4	26.4	27.3	26.3	23.9	19.0	22.2
28	19.5	23.9	24.5	30.8	28.0	27.3	28.9	25.3	26.8	20.6	19.7	13.0
29	18.9	-99.0	24.2	31.8	28.8	28.9	29.2	27.3	24.4	19.7	21.4	10.0
30	17.9	-99.0	23.6	32.0	29.3	29.8	28.7	28.0	26.2	19.9	21.0	12.7
31	18.7	-99.0	18.3	-99.0	29.9	-99.0	29.2	27.6	-99.0	19.5	-99.0	16.1
1992												
1	18.3	19.7	20.8	22.8	28.5	29.2	28.4	27.0	27.6	26.6	20.1	15.1
2	18.5	21.9	21.7	23.2	28.2	28.4	29.1	27.1	27.4	26.9	19.7	13.3
3	18.6	21.2	23.5	24.2	28.8	25.4	29.4	26.9	27.7	26.6	21.3	14.2
4	18.0	21.6	22.0	24.3	29.1	27.7	29.8	28.1	28.4	26.3	22.0	16.5
5	19.4	22.2	17.4	26.8	29.1	28.3	29.3	28.1	28.2	25.3	20.1	19.3
6	19.5	20.4	15.3	26.1	29.8	27.8	28.7	26.5	28.6	24.1	20.8	20.3
7	15.7	19.0	14.5	26.4	28.6	27.7	26.5	27.4	27.4	24.3	22.2	20.9
8	14.1	19.1	16.0	26.5	31.1	26.3	25.0	28.5	24.5	22.6	22.6	21.3
9	15.0	19.6	17.9	29.1	30.7	29.9	25.4	28.1	26.2	22.4	16.5	20.5
10	14.6	18.5	18.7	28.6	28.4	27.6	26.8	27.6	27.4	23.6	16.1	20.5
11	15.0	17.1	19.6	26.7	26.0	28.2	28.0	27.3	27.7	24.3	14.3	22.2
12	17.0	15.6	21.7	23.9	28.4	27.9	28.3	27.2	28.8	22.8	16.3	21.9
13	17.6	15.2	24.7	21.7	27.5	28.1	26.5	28.5	28.1	21.2	15.7	22.3
14	13.7	17.5	24.7	19.9	27.1	28.4	26.5	27.3	26.8	20.0	17.1	21.2
15	12.5	17.4	24.1	20.7	26.0	28.2	26.6	25.6	27.9	21.1	16.8	18.7
16	13.4	17.6	24.6	23.2	28.7	28.3	28.0	25.3	27.6	21.6	17.8	17.3
17	14.9	19.0	26.2	25.0	28.8	28.0	28.6	24.7	24.6	21.3	20.0	17.4
18	15.4	20.1	25.2	27.1	27.6	27.3	28.0	27.3	26.0	20.1	21.1	21.0
19	16.5	21.1	24.3	28.5	27.1	27.9	29.0	27.8	24.9	21.4	20.8	20.1
20	15.4	15.9	25.7	28.2	26.3	28.7	29.4	29.0	23.9	20.4	21.2	20.5
21	15.6	15.2	26.0	29.5	28.0	29.2	28.1	28.5	24.4	20.1	17.5	20.7
22	15.6	14.9	26.3	27.7	27.3	30.1	25.9	26.3	26.4	20.9	18.3	22.4
23	14.7	15.1	26.8	26.9	27.9	29.9	26.5	27.1	26.4	22.2	20.5	18.8
24	18.0	16.4	27.9	28.3	27.7	30.4	26.3	26.7	26.2	21.7	21.7	13.6
25	18.3	17.6	29.5	28.7	25.8	30.6	26.0	27.8	25.6	20.5	19.9	13.9
26	17.6	17.0	23.8	27.4	27.3	28.4	26.2	26.1	25.8	21.3	18.4	16.4
27	19.3	17.2	20.2	25.9	26.8	27.0	25.6	26.6	26.0	20.6	16.4	18.9
28	20.9	19.7	19.3	28.7	27.0	27.0	25.4	27.3	24.7	20.5	17.4	20.2
29	22.6	20.6	18.0	28.7	28.3	25.2	26.7	28.2	25.5	19.3	15.7	21.3
30	23.0	-99.0	20.8	27.4	29.4	26.8	26.9	28.0	25.9	20.8	14.9	22.6
31	22.9	-99.0	23.4	-99.0	29.5	-99.0	27.5	28.7	-99.0	21.7	-99.0	22.2
1993												
1	20.7	11.3	17.2	28.8	29.7	28.7	27.9	29.1	26.7	25.8	17.9	21.7
2	19.9	14.5	17.3	29.3	30.1	28.2	29.1	27.3	26.9	24.5	18.0	22.7
3	21.1	16.0	18.5	29.1	25.8	28.4	29.5	27.5	27.4	23.9	18.2	22.5
4	22.1	16.4	18.6	29.1	25.3	29.9	29.8	28.2	27.3	23.8	18.5	22.3
5	22.8	16.7	20.2	26.1	28.9	29.3	29.8	29.5	26.5	23.5	20.3	18.5
6	22.8	17.3	21.3	24.7	26.8	28.7	29.1	30.2	25.5	22.7	21.1	16.5
7	22.5	19.4	22.4	20.7	26.7	27.5	29.9	29.1	25.0	22.1	22.6	16.4
8	21.7	21.9	23.1	18.3	28.8	28.8	29.4	29.5	24.0	22.1	23.4	16.0
9	21.2	22.6	23.5	18.5	27.3	28.9	28.3	28.7	24.3	22.1	24.2	17.0
10	21.2	21.4	23.8	21.9	29.3	29.3	28.2	29.3	25.9	23.8	24.1	18.2
11	21.5	21.2	23.6	26.4	26.3	29.2	27.6	29.5	27.1	23.3	24.5	19.4
12	22.0	20.6	22.6	24.3	27.9	29.2	24.8	30.1	27.3	23.5	24.8	21.0
13	23.1	21.3	22.6	23.7	28.8	28.7	25.8	28.3	27.5	23.4	24.1	21.9
14	23.5	21.2	23.2	24.4	28.1	29.4	25.4	27.5	28.2	23.7	24.6	20.1

15	16.3	22.3	25.3	25.9	27.2	29.2	25.6	28.0	28.2	23.0	24.1	17.6
16	10.8	20.7	26.5	26.0	25.2	28.5	27.5	27.5	27.9	23.1	24.4	14.9
17	11.3	20.9	24.8	28.1	25.7	29.4	28.4	25.4	28.3	23.5	23.4	13.1
18	12.3	23.0	19.6	28.8	26.6	28.9	29.5	26.8	26.1	22.2	23.1	14.1
19	13.0	25.0	16.6	28.0	27.1	30.3	29.4	27.3	25.3	20.5	23.4	15.3
20	13.8	25.2	16.0	28.0	27.8	31.4	28.8	28.4	25.8	20.5	23.8	17.3
21	13.5	23.4	17.2	24.4	28.1	31.1	28.4	27.9	26.1	22.3	19.8	17.2
22	13.4	21.5	20.1	23.3	27.4	29.6	29.0	25.8	26.6	22.1	18.0	14.7
23	12.4	20.7	22.8	26.0	26.2	26.6	30.0	26.4	25.8	23.6	18.8	13.4
24	11.1	18.9	26.4	27.3	27.3	27.7	29.3	26.7	26.7	22.7	18.4	12.9
25	12.5	20.2	27.8	28.2	26.8	28.5	29.8	28.3	25.8	24.3	18.2	12.4
26	13.6	20.7	27.1	28.4	26.8	28.3	29.9	28.1	25.4	26.1	17.7	12.3
27	14.8	22.6	27.3	26.7	27.4	29.4	30.1	27.4	26.0	26.4	18.8	12.3
28	14.5	21.0	27.7	23.9	26.6	29.7	28.9	27.3	27.1	26.0	18.9	12.3
29	11.4	-99.0	24.6	24.4	26.4	27.8	29.3	25.6	27.7	23.2	19.4	13.5
30	11.3	-99.0	21.5	28.7	26.1	27.1	30.1	25.9	24.6	19.5	21.4	15.4
31	12.0	-99.0	23.9	-99.0	28.5	-99.0	29.4	25.4	-99.0	19.3	-99.0	16.2
1994												
1	17.3	21.2	14.9	23.4	29.8	27.4	27.7	26.4	25.2	25.2	20.6	25.3
2	17.7	20.3	14.6	23.6	31.6	27.5	28.5	27.2	26.4	25.6	19.8	23.5
3	19.1	19.6	15.3	25.2	32.3	27.5	30.3	26.2	26.9	26.9	20.0	22.3
4	21.0	21.3	16.3	25.2	31.0	27.2	28.9	27.7	27.0	25.6	19.9	19.0
5	21.8	23.8	19.8	26.2	22.8	28.0	28.7	28.3	27.4	27.2	19.7	18.4
6	22.5	22.6	21.9	28.3	21.4	28.3	28.6	27.4	26.6	26.5	20.2	19.9
7	20.6	23.4	22.7	28.3	24.5	29.0	27.7	27.1	25.6	25.4	20.3	20.6
8	19.9	24.1	23.7	28.4	26.1	28.0	27.0	26.8	26.4	25.2	21.4	21.5
9	20.1	22.3	24.3	28.3	27.4	27.5	26.4	27.4	27.0	26.5	21.4	21.5
10	20.3	22.4	23.2	29.4	28.5	27.7	27.3	27.0	27.2	26.3	22.1	20.9
11	22.1	25.3	22.5	29.5	25.9	29.0	28.4	27.8	27.4	26.2	20.5	20.2
12	22.4	23.7	26.9	28.1	28.7	28.6	28.8	28.9	25.9	25.8	20.2	19.3
13	22.2	23.2	24.8	24.7	30.3	28.3	28.2	28.7	24.8	26.3	22.1	19.6
14	17.9	25.2	19.0	22.6	29.8	28.0	26.7	27.2	24.1	27.2	22.4	20.2
15	18.8	24.1	18.0	23.2	30.0	28.9	26.0	26.1	25.8	26.6	22.3	20.6
16	22.4	22.8	19.0	25.2	29.4	29.5	25.8	26.3	26.0	27.2	23.1	21.3
17	21.2	20.9	19.0	26.6	27.2	29.2	26.4	26.8	25.8	25.6	21.8	20.3
18	21.3	21.2	18.7	25.8	25.3	26.4	26.8	26.1	26.1	26.0	21.8	18.0
19	19.7	22.3	19.0	25.3	25.6	25.4	28.2	26.7	27.6	24.3	20.9	17.5
20	17.8	19.9	19.7	26.4	26.3	27.0	27.1	27.7	27.9	20.9	22.6	17.5
21	13.2	18.2	20.3	26.3	27.6	28.2	27.8	28.0	27.9	18.9	22.9	15.4
22	12.3	22.2	19.7	27.3	28.8	28.6	28.4	26.9	27.1	17.4	21.5	16.3
23	12.9	24.6	16.3	28.7	29.2	28.7	28.4	27.0	26.0	16.9	20.7	17.6
24	13.2	21.7	17.8	29.0	29.7	28.4	27.9	25.7	26.3	16.7	20.5	17.6
25	17.0	19.6	20.2	29.7	30.2	28.3	26.6	26.4	27.5	17.2	21.6	19.1
26	16.6	17.2	18.0	29.4	31.3	26.9	27.2	27.2	26.9	17.9	21.3	20.0
27	18.1	15.4	16.2	28.3	25.2	27.0	26.5	28.1	26.8	18.5	21.8	20.0
28	19.5	15.0	17.9	27.4	26.9	26.6	26.8	27.4	25.6	19.6	22.6	18.8
29	19.4	-99.0	22.2	30.6	29.2	25.5	27.4	24.7	25.3	21.8	24.0	19.0
30	19.5	-99.0	21.8	27.9	29.3	26.3	26.0	25.3	25.1	21.3	24.7	18.9
31	20.8	-99.0	24.0	-99.0	27.4	-99.0	25.6	25.9	-99.0	20.4	-99.0	21.7
1995												
1	21.7	12.0	19.6	25.7	27.8	28.0	29.6	26.0	26.8	26.7	22.4	22.5
2	19.3	11.8	21.9	23.4	26.6	28.3	29.3	28.4	27.1	27.4	20.7	22.9
3	17.8	13.3	19.4	20.4	28.5	29.8	27.6	28.9	26.6	27.1	20.3	21.1
4	14.0	12.6	17.7	21.0	27.3	30.0	26.1	26.5	26.2	25.1	21.9	19.6
5	14.8	14.0	16.6	22.6	23.9	29.5	27.2	26.5	27.3	23.7	19.9	18.5
6	12.6	14.4	17.3	22.4	26.5	28.5	28.1	26.2	28.5	23.4	20.5	17.0
7	13.4	14.3	20.8	22.5	26.4	29.6	28.2	26.0	27.9	22.6	20.9	16.5
8	15.0	17.1	22.7	25.4	25.6	28.8	27.9	26.3	25.9	23.7	18.9	13.6
9	17.1	19.5	25.3	25.2	27.8	28.7	28.7	26.4	27.6	22.7	19.8	14.1
10	18.3	20.8	23.3	25.9	24.0	28.5	29.1	27.4	27.4	23.4	22.1	16.9
11	19.4	20.9	24.9	25.4	25.4	27.7	29.3	28.7	25.7	23.9	22.4	18.2
12	20.9	21.5	22.2	25.1	25.4	25.6	29.9	27.8	24.1	25.1	23.4	19.5
13	18.2	22.5	21.0	29.1	26.6	28.2	30.2	26.9	25.8	26.3	23.9	20.1
14	18.4	22.4	21.6	29.8	26.4	29.5	29.3	27.0	25.2	27.3	20.8	19.4
15	19.3	19.8	24.5	29.4	27.7	29.2	28.9	26.9	26.4	26.6	18.0	20.8
16	18.5	19.6	27.3	29.1	24.1	29.2	27.7	27.4	25.4	25.6	18.1	22.2
17	18.4	20.9	26.2	28.0	27.9	29.6	28.6	26.2	25.5	26.1	19.6	22.8
18	20.0	23.8	18.6	28.2	28.6	28.6	27.3	26.6	25.9	25.5	19.3	20.4
19	20.2	21.6	17.4	26.4	30.2	29.6	27.4	27.9	24.3	26.0	20.3	17.9
20	21.3	22.6	18.4	29.6	29.9	30.4	27.9	26.8	24.9	25.6	20.2	17.4
21	22.8	23.1	19.8	30.7	30.7	30.5	28.4	27.0	25.1	25.5	19.3	16.7
22	24.1	20.3	21.6	31.2	25.9	29.0	30.4	27.5	25.4	25.4	20.3	17.5
23	21.4	18.0	23.2	31.3	29.0	30.2	30.4	27.9	25.4	24.4	18.5	17.7
24	17.1	17.4	25.6	28.5	31.0	30.4	28.3	26.7	24.3	22.6	17.2	17.3
25	15.8	17.1	21.4	26.8	30.8	31.0	29.3	26.9	24.3	22.5	15.2	16.8
26	16.9	15.6	19.5	25.5	30.6	29.4	28.8	27.3	24.6	23.2	16.5	15.9
27	16.2	15.7	20.6	27.1	26.7	28.9	29.5	26.0	25.4	21.1	18.9	14.8

28	14.1	16.9	24.6	29.0	28.4	27.9	27.4	25.5	27.4	22.8	20.8	14.3
29	14.1	-99.0	24.9	28.8	28.6	28.6	26.0	26.3	25.5	24.4	21.2	13.0
30	14.5	-99.0	28.2	26.5	29.0	29.9	26.2	24.7	26.1	23.6	21.8	12.1
31	13.3	-99.0	25.6	-99.0	28.8	-99.0	25.4	26.7	-99.0	23.4	-99.0	12.2
1996												
1	12.2	15.3	17.2	26.3	28.1	27.2	28.4	29.4	25.3	24.7	25.1	16.9
2	12.8	15.8	18.8	20.5	27.9	27.2	29.9	29.1	26.5	24.5	23.9	17.2
3	15.3	14.3	19.2	17.2	28.0	27.9	28.8	28.6	26.5	24.8	22.1	19.2
4	16.1	16.4	18.8	16.8	28.2	28.7	26.5	27.4	26.8	26.0	22.2	21.5
5	15.3	17.3	18.4	19.1	29.4	29.9	28.6	27.5	27.1	25.4	25.0	21.9
6	16.6	17.2	20.7	21.0	30.4	29.6	29.2	27.5	27.8	25.6	24.8	15.6
7	18.6	18.9	22.2	22.7	29.7	28.0	29.0	27.7	27.8	26.5	24.0	14.3
8	19.2	20.1	22.9	24.3	24.8	28.7	27.1	29.0	27.8	24.2	24.1	15.7
9	17.8	19.0	22.6	26.6	23.5	29.4	28.4	28.7	27.4	23.2	24.1	16.6
10	17.1	16.9	18.5	23.8	25.7	28.4	29.3	28.8	27.3	23.9	24.3	15.8
11	18.4	16.9	15.6	20.1	24.7	28.1	28.9	27.6	26.1	23.3	25.4	16.9
12	20.2	19.9	16.7	20.6	24.8	29.0	28.7	25.9	24.4	24.0	26.0	15.9
13	22.2	22.4	18.1	22.1	27.1	27.3	29.1	25.2	24.7	25.0	24.1	18.5
14	21.6	22.4	24.2	22.0	29.3	28.4	29.6	24.5	24.6	24.7	23.2	17.3
15	21.6	22.8	26.7	24.1	29.2	27.0	29.3	24.9	25.2	24.5	23.3	18.1
16	22.0	22.2	27.8	23.7	28.1	28.1	28.4	26.4	26.7	24.9	22.7	19.5
17	22.7	23.3	26.9	27.2	24.7	28.0	28.3	26.5	27.2	25.4	20.2	20.0
18	21.2	19.1	25.9	28.4	26.0	28.0	28.6	26.3	27.1	25.1	17.7	19.1
19	19.5	12.8	24.3	28.9	27.6	29.7	28.9	26.3	26.6	24.6	18.4	17.9
20	18.8	10.3	25.2	21.3	28.1	29.3	28.9	26.3	25.9	24.4	18.4	16.5
21	20.3	9.3	25.8	19.8	27.9	28.2	28.6	27.7	26.3	24.3	19.6	17.2
22	21.4	10.0	25.3	19.7	28.4	29.0	28.0	26.8	25.1	21.8	19.0	15.9
23	20.0	12.1	25.0	22.2	28.8	28.7	27.1	24.6	24.1	23.1	20.5	15.3
24	19.3	12.4	24.1	22.7	28.8	28.3	25.2	26.0	24.1	22.2	19.0	15.0
25	20.1	13.9	23.4	23.6	28.1	26.1	27.8	26.0	23.9	23.3	20.9	14.6
26	16.9	14.6	24.2	22.8	27.1	27.7	28.2	25.0	25.1	22.3	22.0	15.1
27	15.2	14.4	23.3	22.9	27.8	28.8	28.2	26.8	24.7	21.0	21.8	15.0
28	15.0	15.5	21.1	24.5	28.4	27.4	29.1	28.3	24.4	21.5	21.9	16.2
29	14.9	16.8	22.5	24.2	27.7	28.1	27.6	29.6	26.4	22.3	22.2	18.2
30	15.8	-99.0	26.5	27.1	28.3	27.6	27.1	26.8	24.9	24.7	19.9	19.8
31	15.5	-99.0	27.9	-99.0	27.4	-99.0	28.1	26.6	-99.0	24.9	-99.0	20.3
1997												
1	19.7	21.5	21.8	26.1	27.1	29.0	28.7	27.7	27.6	26.5	18.9	26.4
2	19.7	22.9	21.4	26.6	24.7	29.4	29.0	27.9	26.1	25.6	17.9	18.4
3	19.8	23.8	19.9	27.4	26.5	29.2	28.2	28.4	26.5	26.9	18.8	17.6
4	19.1	20.1	19.4	27.2	27.0	28.2	28.0	28.5	26.5	25.4	20.7	18.6
5	17.3	17.8	20.3	23.7	28.9	29.9	28.9	28.5	26.5	25.1	20.6	20.9
6	18.4	17.3	21.3	27.0	29.8	31.0	28.7	29.5	25.3	24.9	19.9	22.1
7	18.8	16.9	22.0	24.9	29.3	30.9	29.0	29.6	24.3	26.5	19.9	21.5
8	17.1	16.9	22.1	22.9	29.7	30.7	28.3	28.6	24.7	26.4	19.0	17.6
9	15.0	17.2	22.4	24.9	26.0	30.6	26.6	28.4	26.4	26.4	20.6	16.7
10	15.3	17.4	23.5	25.1	26.2	29.9	27.7	26.4	26.4	27.7	22.0	15.5
11	15.0	16.9	24.6	24.1	27.2	28.3	27.1	26.9	27.2	28.0	23.6	15.9
12	15.8	16.5	25.8	24.2	27.5	27.7	27.6	28.1	27.4	27.3	23.8	16.5
13	16.6	17.3	27.9	25.4	25.7	28.2	28.6	28.3	28.0	25.7	23.9	16.3
14	16.8	16.9	27.5	23.7	27.2	26.5	29.2	28.1	28.6	26.4	24.8	17.3
15	19.2	16.6	27.2	24.6	28.8	24.9	27.1	26.9	28.2	26.5	27.1	19.8
16	20.8	15.4	24.5	24.2	29.7	26.2	27.9	25.9	27.2	26.2	27.5	21.8
17	21.2	15.3	23.3	24.7	27.5	26.2	28.1	25.6	26.1	26.1	20.9	21.9
18	22.5	15.3	22.0	24.9	28.5	28.1	27.7	27.3	27.7	26.3	19.5	23.4
19	22.0	15.0	25.0	25.2	29.2	29.1	26.9	27.7	27.4	26.6	20.5	25.4
20	20.0	17.5	21.6	24.9	28.6	29.2	26.4	27.8	25.2	26.9	23.0	24.9
21	21.9	19.1	23.9	26.3	27.9	29.3	26.1	27.7	22.3	26.8	23.9	25.4
22	20.4	19.5	24.3	25.0	28.6	28.7	26.0	27.6	22.5	27.0	25.2	22.8
23	22.0	19.9	21.2	27.2	24.6	27.8	26.6	27.5	23.2	26.6	26.4	18.6
24	16.6	19.2	19.7	22.1	26.0	27.3	27.3	26.0	23.9	27.7	26.2	18.9
25	13.8	20.5	20.8	21.6	27.2	27.4	27.0	26.3	24.3	27.6	25.1	20.1
26	14.2	21.4	22.9	21.1	28.4	25.4	27.8	27.6	21.8	26.2	24.3	21.3
27	15.1	21.1	21.2	22.3	29.7	28.1	28.3	27.3	20.2	23.3	23.4	22.4
28	16.2	22.2	23.2	23.0	27.5	27.7	26.8	27.0	21.7	21.4	23.6	22.2
29	17.1	-99.0	23.7	23.8	26.8	27.8	27.0	25.5	22.8	20.6	23.7	23.2
30	19.3	-99.0	23.7	24.4	27.7	28.0	27.1	27.1	24.5	21.7	25.2	23.2
31	20.9	-99.0	23.9	-99.0	28.0	-99.0	27.1	26.3	-99.0	20.9	-99.0	23.5
1998												
1	22.8	20.8	18.1	25.0	30.5	30.5	27.7	29.9	29.0	23.0	27.2	27.0
2	23.2	23.1	19.9	24.9	29.2	30.2	27.8	29.8	27.8	23.0	24.8	27.1
3	23.5	22.5	21.3	25.4	27.0	30.1	26.2	29.8	27.8	23.1	23.3	24.7
4	23.5	20.6	23.8	24.3	24.2	29.4	26.1	30.6	29.2	24.4	22.8	20.6
5	21.4	14.0	24.7	25.8	26.1	28.3	27.2	29.3	27.3	22.6	22.9	20.0
6	21.7	12.9	28.2	26.9	27.0	27.3	28.0	28.5	26.3	23.1	22.8	19.8
7	23.7	14.2	28.4	27.6	29.4	26.7	28.2	28.3	26.6	25.7	21.1	18.8
8	23.7	16.1	28.4	26.9	28.3	28.0	28.6	28.0	27.1	26.0	20.6	17.8

9	23.8	18.1	26.4	28.8	28.0	29.2	27.5	27.2	26.7	26.1	23.0	17.2
10	23.1	19.7	21.3	28.6	27.6	28.1	28.8	28.4	27.1	27.5	22.3	17.8
11	22.7	22.0	18.9	29.5	27.4	27.8	28.0	29.6	26.6	27.7	20.7	17.7
12	22.6	23.2	18.2	29.4	27.4	29.8	28.2	28.9	26.8	26.8	20.6	14.2
13	23.9	24.9	18.6	28.7	27.3	31.1	28.7	29.0	27.5	27.4	20.7	15.1
14	26.0	23.1	20.8	28.0	29.0	31.6	27.7	28.7	26.0	27.2	21.4	17.8
15	19.6	24.4	24.0	24.3	28.8	31.5	28.2	29.7	26.3	27.0	22.8	14.9
16	21.9	24.7	26.4	25.0	28.9	32.3	29.7	29.4	25.6	27.6	26.5	15.2
17	20.3	23.9	27.3	23.6	27.0	31.4	29.9	29.7	26.4	27.6	26.8	18.2
18	19.3	20.3	28.0	21.9	26.5	30.4	30.9	28.3	26.4	25.5	24.9	19.8
19	17.1	22.1	29.7	21.2	29.0	30.3	31.2	26.4	25.2	24.3	23.5	19.0
20	16.5	21.8	30.0	22.3	27.4	30.0	31.4	24.9	25.3	24.3	23.8	21.5
21	17.8	21.3	26.5	25.7	29.3	31.4	32.5	27.7	26.4	22.2	20.5	22.5
22	19.7	18.1	19.2	28.4	30.7	30.9	32.1	28.5	26.3	22.3	20.4	21.5
23	18.1	19.2	19.6	28.3	29.9	31.0	32.0	26.8	27.1	22.1	20.8	20.9
24	15.3	20.2	20.7	29.8	27.5	30.1	30.8	27.9	26.7	21.8	19.2	19.9
25	14.8	18.2	21.9	29.5	25.2	28.2	29.7	28.9	27.6	22.9	19.0	19.5
26	16.1	18.0	24.7	29.3	26.5	28.4	30.3	29.8	27.4	23.6	19.2	20.9
27	17.7	19.1	23.4	28.2	28.2	27.8	31.1	29.7	26.0	22.3	20.2	19.4
28	16.3	18.8	22.9	29.1	29.5	28.2	31.0	28.6	25.1	23.5	21.6	20.0
29	15.0	-99.0	24.0	29.5	28.1	27.5	31.4	28.0	24.2	24.6	24.3	21.5
30	16.6	-99.0	25.4	31.0	28.3	27.4	28.8	27.0	23.9	27.6	26.0	19.3
31	19.8	-99.0	26.7	-99.0	29.5	-99.0	30.5	28.3	-99.0	27.7	-99.0	19.8
1999												
1	20.6	26.3	21.7	24.1	27.3	28.5	29.2	26.9	27.6	26.8	22.9	17.4
2	19.6	23.0	23.5	25.3	28.3	28.4	29.0	27.4	27.8	26.8	19.2	17.8
3	17.8	18.1	22.7	24.5	29.4	28.9	28.8	27.4	28.1	25.4	17.9	17.4
4	18.2	16.4	23.8	22.6	26.8	28.2	29.9	26.6	28.1	25.5	19.4	17.5
5	17.5	16.9	25.9	21.3	24.2	28.6	29.1	26.3	27.2	25.0	20.2	16.9
6	15.0	15.5	28.0	23.3	22.3	28.7	29.6	26.7	27.7	25.9	20.7	15.7
7	16.9	18.8	23.7	24.9	23.5	28.2	29.3	27.3	24.9	26.5	21.9	14.9
8	16.3	20.2	27.5	24.2	24.6	28.2	30.0	28.8	26.5	26.9	23.4	14.9
9	16.3	19.6	29.6	24.4	23.3	25.5	29.9	28.1	26.9	27.9	23.6	16.7
10	16.9	20.0	23.3	25.7	23.7	26.6	29.0	28.3	26.3	29.0	23.7	15.9
11	15.1	21.7	20.4	27.0	23.5	28.3	28.3	27.4	25.7	28.3	25.1	17.0
12	13.1	22.8	19.7	29.2	21.9	28.7	29.1	27.3	27.2	26.9	26.5	18.5
13	14.0	21.3	20.8	29.6	23.2	28.6	29.2	27.1	28.4	27.6	26.3	18.2
14	17.0	22.4	21.4	28.7	26.3	28.1	29.7	26.2	27.1	25.6	25.9	17.1
15	13.8	22.3	20.2	28.6	28.1	28.7	29.6	27.5	27.3	23.9	24.5	18.8
16	13.5	22.7	22.1	27.4	28.8	29.2	29.3	27.9	27.2	24.4	22.4	17.3
17	14.5	23.0	26.1	28.8	28.1	28.9	29.2	26.8	28.2	23.6	21.5	18.3
18	16.8	22.9	27.9	29.2	29.2	27.0	28.5	28.1	28.1	22.1	20.6	18.3
19	17.2	19.9	25.3	28.5	24.8	26.2	29.5	28.4	27.4	21.4	19.5	15.8
20	19.5	16.7	25.4	29.6	24.9	26.1	30.2	28.6	26.2	19.2	19.5	14.2
21	19.3	15.9	22.3	29.5	26.6	27.8	30.1	29.0	26.3	21.6	20.0	13.8
22	20.2	17.0	19.2	27.8	26.7	28.0	29.8	27.8	26.6	23.3	18.9	10.3
23	22.7	21.1	19.3	28.8	26.9	28.6	28.9	27.2	26.2	23.0	22.0	8.3
24	23.7	21.3	19.6	30.6	27.3	27.6	26.7	28.6	25.7	24.0	21.6	8.6
25	23.6	25.2	25.5	31.1	28.8	27.1	28.1	27.9	24.8	23.4	23.7	9.3
26	23.9	25.5	28.1	26.6	28.4	27.9	28.0	27.4	24.3	23.7	24.3	9.8
27	23.7	24.0	25.9	25.3	26.5	29.3	27.7	26.9	24.8	23.6	23.9	10.1
28	24.3	20.7	24.5	22.3	25.4	29.7	28.6	27.9	26.3	24.5	19.6	13.0
29	23.4	-99.0	23.3	23.4	25.8	29.7	28.4	27.1	26.2	25.3	17.0	15.8
30	22.9	-99.0	21.3	26.2	27.5	29.6	26.9	27.8	25.3	25.3	18.2	16.4
31	26.3	-99.0	22.7	-99.0	28.6	-99.0	28.0	27.3	-99.0	25.2	-99.0	18.8
2000												
1	19.6	13.4	12.3	27.7	27.3	28.2	29.1	28.3	27.0	27.2	19.2	24.3
2	20.5	14.6	15.9	27.8	27.8	26.1	28.3	28.0	27.1	27.7	17.4	23.6
3	19.8	15.0	19.0	25.8	25.7	26.4	28.7	27.5	26.5	27.0	17.5	20.1
4	20.5	17.7	20.2	23.6	25.1	27.5	29.6	25.7	25.8	26.4	17.7	17.2
5	21.4	19.2	20.8	22.3	26.5	27.9	26.6	27.3	26.0	25.5	17.9	19.0
6	22.8	18.1	21.3	22.0	26.8	29.0	28.5	27.1	27.0	26.0	18.7	20.5
7	22.6	17.3	22.4	22.6	28.2	28.8	28.1	26.7	26.6	26.5	19.9	20.3
8	23.5	16.7	22.2	23.8	27.5	29.2	27.7	27.1	25.9	26.4	20.6	20.0
9	24.1	16.5	21.5	25.4	29.1	28.3	27.0	27.5	26.6	26.1	20.8	20.2
10	23.6	18.8	22.3	25.2	26.4	27.8	26.9	28.1	24.6	25.9	21.3	21.4
11	24.8	20.5	23.6	24.6	26.6	28.4	26.3	28.4	24.0	26.2	21.5	21.7
12	25.4	22.1	21.9	26.2	26.2	28.4	26.4	28.6	25.1	25.7	20.5	20.0
13	24.7	22.9	20.3	24.5	26.0	24.4	27.2	28.8	24.8	24.3	19.4	17.6
14	22.6	22.2	22.1	26.7	26.7	22.9	27.5	28.9	25.1	22.6	20.8	16.1
15	21.9	20.6	23.9	25.1	26.8	24.9	27.5	28.3	24.1	22.1	21.5	17.6
16	21.2	19.4	24.1	21.4	27.6	25.8	27.9	28.6	23.0	20.8	21.2	19.2
17	22.2	19.8	23.7	22.8	27.6	25.6	26.3	27.2	23.2	21.1	20.5	20.0
18	17.2	20.7	24.4	24.9	26.1	26.9	27.5	27.9	23.4	22.8	19.4	20.1
19	13.7	22.7	24.7	26.9	22.9	28.0	27.5	28.6	23.5	23.1	21.5	21.6
20	13.7	24.8	24.1	27.2	23.4	28.7	27.2	28.0	24.6	25.1	19.1	23.7
21	15.6	22.6	25.2	26.5	21.4	27.1	26.5	28.9	25.0	25.4	18.2	18.3

22	19.0	22.1	24.7	25.5	23.0	27.6	27.3	25.2	26.1	26.0	16.1	17.0
23	20.5	21.1	24.0	27.3	26.9	27.1	27.8	25.7	26.8	25.5	16.7	18.3
24	22.1	18.0	21.4	28.5	28.4	27.2	27.4	25.3	28.0	26.3	18.4	16.1
25	18.6	15.8	20.3	29.2	28.0	27.2	28.1	26.4	26.8	26.1	21.5	15.6
26	15.5	14.1	18.8	28.1	28.7	27.2	28.8	27.7	27.5	25.5	22.5	15.3
27	12.6	13.1	21.8	25.0	29.3	27.3	29.2	27.7	27.4	25.2	23.5	18.2
28	12.8	14.4	22.7	26.1	28.1	27.5	29.5	27.6	26.8	24.1	23.1	19.0
29	13.5	12.8	23.6	26.7	28.7	28.7	29.2	27.5	25.3	23.9	23.2	19.1
30	12.9	-99.0	22.9	26.7	28.8	29.2	28.2	27.4	26.7	22.6	24.5	19.5
31	12.3	-99.0	23.5	-99.0	27.9	-99.0	28.2	28.0	-99.0	20.6	-99.0	19.1
2001												
1	18.9	18.6	18.3	26.0	26.9	27.0	27.6	27.8	26.9	26.4	25.9	22.0
2	18.3	17.4	19.9	25.9	24.2	28.8	28.4	26.1	26.5	26.6	26.6	22.6
3	18.7	17.5	18.9	27.3	25.1	27.4	28.1	26.4	26.9	27.8	27.4	22.9
4	20.2	17.9	18.7	29.0	25.7	28.6	27.5	26.4	27.0	25.1	26.4	22.4
5	21.6	18.1	19.7	26.1	28.2	27.5	28.3	27.2	26.5	25.5	26.1	22.6
6	22.9	21.2	21.9	26.3	29.5	27.9	30.0	26.8	26.0	26.5	22.4	23.9
7	23.3	21.2	23.0	27.9	29.8	28.3	29.5	27.8	27.7	27.6	21.0	20.9
8	22.3	18.5	20.5	29.2	28.9	27.0	27.2	28.0	28.1	28.5	23.0	20.2
9	23.3	16.3	16.9	29.4	28.2	28.3	26.6	27.7	25.7	25.7	22.5	21.8
10	18.7	14.7	17.1	29.1	23.0	27.9	28.2	26.8	26.0	25.6	21.2	20.7
11	17.5	16.7	19.1	24.1	24.3	27.2	28.9	25.6	26.0	26.3	20.4	20.6
12	18.9	18.9	17.2	18.5	25.0	27.9	29.4	26.9	23.7	26.8	19.6	21.9
13	18.7	19.4	16.6	20.6	27.5	26.2	28.9	26.9	25.7	26.8	18.8	20.7
14	18.1	16.1	20.6	22.5	28.2	28.2	27.2	26.0	27.7	27.2	16.9	16.5
15	16.6	15.9	23.7	23.6	26.1	28.2	27.9	27.4	29.0	27.3	15.6	17.0
16	15.0	16.9	27.0	23.8	23.6	28.3	27.8	26.6	28.6	26.1	15.6	19.5
17	16.8	17.7	26.7	23.9	26.4	28.6	26.2	27.6	27.0	24.7	15.8	21.7
18	19.3	18.6	25.2	27.7	27.3	29.6	26.7	28.4	28.0	24.5	15.5	21.0
19	21.3	21.1	24.8	29.0	26.6	29.3	27.5	28.1	27.9	24.7	16.3	19.3
20	21.1	21.8	26.8	30.9	27.9	29.5	27.7	27.4	27.7	25.0	15.5	18.5
21	22.6	22.2	25.4	29.7	26.9	27.4	26.9	28.6	27.1	25.3	16.2	15.3
22	24.2	22.5	27.2	26.6	28.0	26.1	26.3	29.0	26.4	22.1	15.9	14.1
23	26.4	25.2	27.9	25.5	28.7	28.4	27.9	30.1	24.8	22.2	15.7	13.7
24	26.1	24.2	27.1	26.9	28.5	28.5	28.2	30.3	26.3	23.4	17.8	13.1
25	27.4	19.1	25.8	24.2	27.7	29.4	27.7	27.3	27.1	24.5	19.2	14.4
26	19.7	18.1	22.5	23.9	28.1	28.6	27.9	26.4	27.1	25.6	17.1	16.2
27	15.7	19.4	23.5	26.2	27.4	28.8	26.4	25.6	27.0	25.8	16.3	16.5
28	14.8	20.2	22.2	30.3	25.3	27.7	27.1	27.1	26.7	23.3	17.3	17.0
29	15.1	-99.0	21.9	30.1	27.5	26.9	27.4	27.5	26.2	22.6	18.8	16.8
30	14.8	-99.0	22.8	29.0	28.3	27.5	28.5	27.8	25.6	22.7	20.2	17.3
31	18.6	-99.0	24.1	-99.0	27.0	-99.0	29.0	27.7	-99.0	25.0	-99.0	16.6
2002												
1	19.4	16.8	24.1	23.3	26.3	29.3	28.2	27.8	24.9	27.7	25.4	22.7
2	17.9	13.6	23.4	24.0	26.8	29.3	28.0	28.9	25.9	25.5	22.2	24.9
3	15.2	14.7	22.9	27.7	27.9	27.7	28.3	29.2	24.8	26.7	21.1	25.0
4	16.0	15.9	23.1	27.8	28.2	27.1	28.6	28.0	23.9	27.0	19.2	25.1
5	15.7	17.3	22.6	29.2	27.7	26.2	29.2	27.7	24.9	26.8	17.5	26.9
6	15.3	18.2	17.2	27.5	27.9	27.5	25.9	27.1	26.2	25.1	18.4	27.8
7	17.5	20.4	17.3	27.3	28.5	27.5	27.2	27.8	27.3	23.8	21.7	28.6
8	15.5	20.5	18.0	27.5	29.3	27.6	27.4	27.9	26.8	21.0	21.4	23.9
9	15.3	22.6	18.5	28.4	26.5	27.8	28.1	27.6	26.9	20.3	19.7	16.7
10	19.2	21.5	20.1	28.0	26.1	26.8	28.2	27.3	26.9	20.1	20.5	16.3
11	21.4	18.9	23.3	20.7	25.5	27.4	28.3	28.1	27.0	20.5	22.0	16.5
12	20.5	19.3	22.9	22.5	25.5	27.7	29.4	28.2	26.5	21.2	22.3	17.6
13	21.7	20.2	24.8	22.8	27.0	27.4	29.5	27.0	27.7	21.1	24.9	18.0
14	19.1	21.3	26.6	21.4	25.4	27.9	29.1	27.8	27.4	23.4	25.8	19.0
15	20.8	22.2	27.1	25.8	25.2	28.7	28.0	27.3	25.2	24.0	26.9	21.3
16	21.0	21.9	26.0	27.7	25.0	28.6	27.5	27.0	27.2	25.6	23.6	22.4
17	22.0	21.9	24.5	28.7	26.6	29.5	27.4	25.4	26.2	27.0	19.9	23.1
18	21.7	21.6	21.3	26.9	27.4	28.1	27.8	25.7	24.0	28.1	19.6	23.9
19	20.2	21.9	22.7	26.8	26.4	29.0	28.8	27.0	24.0	27.8	20.4	23.3
20	21.9	22.6	23.1	28.8	27.9	29.1	26.8	25.7	23.8	27.0	22.5	23.8
21	16.7	23.0	24.5	30.4	29.0	28.7	25.0	25.3	24.7	26.9	21.7	23.0
22	15.6	23.2	27.4	30.5	28.7	30.0	24.9	25.4	24.3	26.5	21.0	22.2
23	15.2	24.1	25.1	28.1	27.4	28.2	26.0	26.7	23.9	23.7	21.2	21.8
24	16.9	24.2	22.9	27.6	27.0	26.5	28.5	27.7	24.7	21.8	22.0	21.6
25	18.9	24.2	23.6	25.8	24.4	26.9	28.3	29.1	25.3	23.6	18.1	20.5
26	16.6	23.6	26.4	25.0	26.0	27.4	27.8	27.9	25.6	22.8	16.3	17.1
27	15.3	24.7	27.7	27.3	25.7	28.5	26.9	27.1	27.6	23.2	16.6	12.8
28	15.1	24.3	29.2	27.2	27.6	28.5	27.1	26.8	26.4	24.2	19.4	13.4
29	14.8	-99.0	28.3	27.6	28.7	28.4	26.1	26.3	26.1	25.4	21.2	15.0
30	15.3	-99.0	23.9	26.7	27.6	29.1	27.2	26.8	26.8	25.8	22.0	16.3
31	16.7	-99.0	23.3	-99.0	27.7	-99.0	28.0	26.3	-99.0	25.5	-99.0	16.8
2003												
1	16.5	20.9	26.3	27.2	24.5	28.0	27.7	29.2	27.9	27.0	23.7	19.6
2	18.2	21.8	26.3	27.8	26.1	29.2	27.3	27.6	28.3	25.0	23.2	20.8



3	16.0	19.1	25.6	29.1	27.2	28.9	28.9	27.8	27.2	25.3	23.8	20.5
4	16.5	15.8	24.1	28.5	28.0	28.0	29.4	28.8	27.6	23.4	24.0	20.5
5	16.0	15.7	23.8	24.1	28.5	28.3	29.5	30.3	27.1	24.6	25.1	20.9
6	13.0	15.1	21.0	24.6	29.8	29.7	28.0	29.8	26.5	25.3	25.6	20.8
7	13.5	17.8	18.7	27.7	31.0	29.9	28.3	27.9	27.5	26.4	25.7	19.6
8	13.8	20.0	16.0	27.0	29.9	29.5	28.9	27.6	25.5	27.0	26.0	19.5
9	15.3	21.5	15.2	27.6	27.6	30.0	29.2	27.3	25.4	28.8	26.8	18.4
10	15.7	21.6	16.7	29.2	28.5	30.7	28.9	28.2	25.2	29.7	26.4	18.7
11	14.3	22.9	19.7	28.4	29.9	30.3	28.5	28.2	25.5	29.2	21.6	18.8
12	15.1	23.6	22.4	30.2	30.1	29.4	27.6	27.9	25.7	29.0	20.3	17.4
13	14.7	19.3	23.7	29.6	28.3	29.3	29.1	26.6	25.8	28.2	17.9	17.9
14	15.9	19.9	22.5	25.0	29.2	28.7	28.0	28.2	25.5	23.5	21.0	16.5
15	17.4	22.5	23.4	24.7	30.1	26.9	28.1	29.8	27.8	22.3	23.7	15.7
16	17.6	24.7	24.1	24.0	31.1	26.8	29.8	28.9	27.5	23.0	24.8	16.1
17	17.3	24.3	26.1	26.3	30.4	28.3	29.8	26.7	28.1	24.1	23.4	15.9
18	18.5	24.7	24.9	26.9	30.9	29.9	29.5	27.7	28.6	23.7	24.1	17.6
19	19.6	24.9	23.2	24.3	28.9	30.3	29.3	26.5	29.1	23.2	24.3	17.6
20	18.2	24.6	19.2	27.6	27.6	29.9	29.7	28.0	29.4	24.3	24.3	13.2
21	19.2	25.0	18.7	26.4	27.6	28.9	29.1	29.0	29.7	23.3	24.6	13.1
22	20.1	26.2	19.9	26.9	29.3	27.9	25.7	28.8	28.0	23.8	21.8	13.9
23	21.9	26.8	19.9	27.7	29.5	28.8	26.4	26.7	27.9	24.2	21.6	16.1
24	21.7	27.0	20.8	28.3	29.0	29.2	28.5	27.5	25.3	24.8	22.2	18.4
25	22.3	25.7	21.7	28.3	28.4	29.6	27.8	27.4	25.7	24.5	21.9	21.5
26	21.9	25.0	24.0	26.8	28.5	29.8	28.6	27.5	25.6	24.8	23.6	20.3
27	16.5	23.8	25.3	27.8	29.6	28.5	28.0	28.2	26.2	23.8	21.2	18.5
28	16.6	25.4	24.5	28.8	30.4	26.8	30.1	28.2	26.5	24.2	20.8	15.7
29	17.0	-99.0	25.3	28.7	26.8	26.7	29.4	28.8	28.6	23.4	20.5	18.2
30	19.8	-99.0	24.9	24.4	27.3	26.7	28.9	27.5	27.8	22.7	18.0	20.8
31	20.8	-99.0	26.1	-99.0	27.7	-99.0	29.2	28.0	-99.0	22.8	-99.0	20.2
2004												
1	20.1	21.1	25.0	25.8	30.0	26.3	31.5	28.0	27.6	27.3	24.3	18.7
2	21.5	24.9	23.0	23.6	27.0	28.5	30.5	27.7	28.7	23.1	22.7	21.0
3	22.0	20.9	20.0	22.7	28.2	29.9	31.2	29.0	27.9	23.1	22.7	20.7
4	21.8	15.3	17.4	24.9	26.8	30.1	30.9	28.7	27.2	23.3	24.0	19.9
5	21.4	11.8	18.2	25.0	22.8	28.8	30.6	28.8	28.5	24.0	24.4	18.8
6	21.4	12.1	18.6	26.8	22.3	26.8	26.8	27.7	28.3	24.6	24.8	17.5
7	20.9	11.9	17.4	24.8	24.2	26.5	27.5	27.6	28.1	23.8	24.4	17.5
8	21.1	12.4	19.0	20.7	27.9	27.9	28.6	29.3	25.3	24.6	24.4	14.9
9	19.6	13.7	19.0	20.2	30.2	28.2	27.1	28.5	24.0	24.1	26.0	14.7
10	22.3	14.1	21.6	24.6	29.9	28.2	26.5	29.8	23.7	23.8	27.0	14.3
11	23.3	17.2	23.8	27.1	30.0	27.2	25.9	29.4	25.3	23.7	27.6	16.5
12	21.4	18.4	24.4	25.9	30.9	27.6	25.7	30.3	26.2	24.6	26.7	15.9
13	18.5	19.5	24.6	24.9	29.1	25.1	26.5	29.3	26.0	24.1	24.4	16.2
14	19.7	18.5	24.1	25.3	27.4	24.5	26.7	26.7	27.0	24.1	24.3	16.0
15	21.1	19.1	23.2	25.5	28.6	27.2	28.3	27.9	27.3	24.4	25.2	19.0
16	21.8	19.2	24.6	23.6	29.6	27.3	29.4	28.0	26.5	24.4	18.6	20.4
17	21.3	21.5	25.4	24.4	24.5	28.0	28.4	27.5	27.2	24.5	17.6	22.2
18	22.9	20.0	26.3	24.5	25.3	28.2	29.1	28.6	27.0	24.0	19.7	22.7
19	19.1	22.1	25.5	25.1	25.9	28.8	30.0	28.0	24.6	24.2	18.3	22.0
20	17.1	23.1	25.6	26.9	23.2	29.5	27.2	29.0	25.5	25.4	19.8	22.0
21	13.2	23.6	25.4	28.8	27.5	29.0	27.8	29.4	26.7	25.8	20.9	21.7
22	12.9	22.8	24.2	26.6	27.2	29.4	26.7	30.0	27.1	25.0	18.2	21.2
23	14.3	21.1	24.9	28.4	27.2	28.7	25.9	28.6	26.8	23.6	20.1	20.8
24	13.3	23.4	24.4	27.9	27.0	29.5	27.2	28.3	27.1	22.9	18.6	22.7
25	13.3	22.9	24.3	27.6	27.6	30.0	27.6	28.7	27.2	22.3	19.4	22.6
26	14.9	21.7	21.6	28.6	28.7	29.8	26.6	29.0	27.9	21.9	19.8	21.8
27	16.7	22.3	21.1	27.4	28.8	29.2	27.4	29.3	27.1	21.4	19.2	22.6
28	15.3	25.4	22.1	28.8	28.0	28.9	28.5	27.5	27.3	21.3	19.5	19.5
29	17.7	27.0	23.1	28.6	28.9	29.0	29.3	26.5	25.5	23.8	20.5	16.6
30	18.5	-99.0	23.8	30.0	26.7	30.4	26.7	26.7	26.3	25.3	20.8	17.4
31	20.0	-99.0	24.8	-99.0	26.1	-99.0	26.4	27.8	-99.0	25.0	-99.0	12.7
2005												
1	13.0	19.8	17.1	26.3	29.2	28.7	27.6	27.3	27.7	27.7	21.6	23.3
2	11.3	18.9	17.1	23.1	26.2	27.5	26.8	27.9	28.5	27.2	21.8	23.2
3	15.4	18.7	15.8	21.6	29.7	27.9	27.4	29.2	27.8	27.2	24.1	24.1
4	17.2	21.5	15.1	20.1	29.8	29.2	28.4	29.0	26.6	25.1	25.5	21.8
5	17.8	23.3	16.5	19.6	30.3	30.2	28.7	27.2	26.2	26.5	26.9	18.5
6	18.6	23.4	14.6	25.0	28.9	29.2	29.7	28.1	27.1	26.3	27.8	15.9
7	18.4	24.1	17.5	26.9	27.0	26.5	29.8	27.5	26.3	26.4	26.7	14.3
8	19.8	24.1	20.5	27.9	25.6	28.0	30.0	27.7	24.8	23.4	27.1	15.4
9	19.2	23.7	21.2	28.4	28.3	29.1	29.5	27.3	26.8	24.3	27.0	17.0
10	16.8	22.8	24.5	29.0	29.6	28.5	29.7	27.9	26.6	24.7	27.0	20.3
11	17.2	21.1	24.9	31.0	30.0	29.2	29.2	25.7	26.8	23.6	27.4	20.1
12	16.5	21.3	25.1	25.8	30.3	29.7	28.3	25.7	26.6	23.9	25.9	16.6
13	13.7	21.9	17.6	19.6	29.2	30.1	28.9	26.5	25.1	26.0	26.0	15.7
14	13.2	23.9	17.1	21.6	28.4	29.8	29.6	27.8	25.1	27.0	26.4	15.2
15	14.4	25.8	20.5	23.4	29.7	29.5	29.0	26.7	25.8	26.3	26.3	15.6

16	13.9	24.8	21.5	24.4	29.9	28.0	29.3	27.1	26.6	25.0	22.5	13.6
17	16.5	23.3	22.9	25.1	30.5	28.4	30.0	26.2	27.4	26.2	22.6	14.0
18	17.0	19.6	22.9	26.1	31.2	28.6	31.3	26.6	23.9	25.8	20.7	12.9
19	18.8	16.9	22.6	26.1	30.3	28.7	30.8	25.9	24.8	25.0	18.5	11.8
20	19.8	13.6	23.4	25.2	28.9	28.7	29.6	27.4	26.1	25.3	18.0	14.2
21	19.9	14.0	25.3	26.8	27.7	29.4	29.0	28.0	27.7	25.1	17.7	16.8
22	21.3	15.9	25.1	26.8	28.1	29.0	27.3	26.0	28.0	23.3	17.6	14.5
23	21.6	22.6	23.2	26.2	28.8	28.7	28.1	27.9	28.4	23.9	17.3	15.4
24	23.2	23.8	18.6	27.9	28.0	28.7	26.8	27.6	28.7	22.4	17.4	16.3
25	23.5	22.3	15.9	26.3	27.4	26.1	26.2	26.9	27.9	21.9	18.6	18.9
26	23.1	20.8	20.5	26.8	29.8	27.9	26.7	27.1	26.9	23.4	20.0	19.2
27	23.2	21.9	24.8	27.9	30.1	29.0	27.6	26.2	24.4	25.1	21.0	18.9
28	24.8	18.2	27.1	29.0	29.8	29.9	29.6	27.3	23.6	24.7	21.3	18.8
29	25.1	-99.0	27.8	29.3	27.1	28.0	29.8	27.2	25.3	24.4	22.3	18.6
30	24.6	-99.0	29.9	30.3	27.2	27.4	28.7	27.5	27.3	20.3	23.4	19.5
31	22.6	-99.0	28.0	-99.0	27.8	-99.0	25.6	24.5	-99.0	21.0	-99.0	20.1
2006												
1	21.3	24.0	15.5	25.0	27.3	28.5	27.2	25.9	27.9	25.6	23.8	23.5
2	22.3	22.9	15.9	26.5	26.8	29.2	26.3	28.1	28.3	24.2	22.4	20.6
3	21.2	23.6	17.8	28.7	28.0	28.6	27.1	27.4	29.2	23.2	20.8	19.9
4	21.7	22.2	18.7	28.1	28.5	29.1	27.4	28.1	29.3	23.9	20.6	19.2
5	21.7	20.6	20.8	28.1	28.5	29.5	28.0	27.4	27.9	26.2	20.2	20.7
6	17.5	21.1	21.1	28.2	29.2	29.8	29.2	26.8	28.0	26.5	21.4	22.2
7	13.1	21.5	21.7	25.4	28.5	30.0	29.4	27.1	29.3	26.4	22.0	22.8
8	14.0	20.4	23.2	27.7	29.2	30.5	29.4	27.7	29.1	26.8	20.5	24.7
9	13.0	20.3	23.8	28.7	28.9	30.1	29.1	28.8	25.6	25.6	23.5	25.2
10	14.6	19.4	24.2	28.5	28.6	29.4	29.3	28.8	25.3	25.1	24.7	21.9
11	15.6	19.6	26.3	29.9	28.5	29.0	27.1	26.7	25.0	25.8	25.7	20.9
12	19.0	19.3	27.6	30.4	27.8	29.6	28.8	27.6	25.0	26.3	24.5	21.3
13	19.3	22.0	20.4	28.6	27.6	30.4	29.2	26.6	25.2	26.5	24.6	20.9
14	20.7	23.9	15.7	22.1	23.5	30.3	29.3	28.0	26.5	25.7	24.0	19.2
15	22.2	24.8	19.1	20.5	24.2	28.6	29.5	25.8	27.2	25.9	24.9	18.9
16	23.7	25.5	19.5	21.6	25.1	29.0	29.0	26.3	28.0	26.8	24.6	20.2
17	23.4	22.7	24.0	23.5	26.0	29.9	26.7	27.4	28.2	25.9	25.3	17.1
18	23.5	18.3	25.4	25.9	25.0	28.8	26.7	26.8	27.9	26.2	26.5	16.2
19	20.5	17.7	24.4	26.4	25.6	28.3	26.0	27.0	26.7	27.1	26.9	15.6
20	19.0	17.9	22.8	27.7	26.6	28.0	28.1	26.6	26.3	26.0	27.1	15.2
21	17.4	19.4	25.4	27.8	26.8	28.7	28.9	26.1	25.1	25.8	25.7	13.4
22	15.3	21.3	27.4	27.4	24.9	28.9	29.7	28.1	25.1	25.6	24.5	13.9
23	14.6	20.0	27.6	27.9	24.7	28.1	28.9	27.5	25.6	25.0	26.2	14.1
24	13.9	19.5	24.4	26.3	27.0	29.6	30.2	27.6	25.6	25.7	26.8	16.5
25	15.4	20.5	22.7	27.0	28.0	28.1	28.1	27.7	24.3	24.4	27.0	16.4
26	16.1	19.3	23.4	27.8	28.8	28.4	27.2	28.4	24.8	24.9	25.4	17.2
27	17.3	21.1	23.6	27.3	29.3	28.9	28.3	28.4	24.3	24.2	23.9	20.2
28	18.2	19.7	23.1	28.1	28.5	28.5	28.3	28.5	23.7	24.9	23.2	20.1
29	19.0	-99.0	23.3	22.9	27.3	27.8	26.1	26.3	25.8	24.6	25.0	18.3
30	21.8	-99.0	21.8	24.4	27.9	26.9	25.7	26.4	26.2	24.3	26.3	18.7
31	23.3	-99.0	24.4	-99.0	28.6	-99.0	26.1	27.6	-99.0	24.3	-99.0	18.9
2007												
1	20.1	15.0	25.8	31.7	25.6	28.8	27.3	29.0	28.7	26.6	21.7	17.3
2	22.7	13.9	25.7	30.9	23.9	29.6	27.7	28.9	29.1	25.0	18.6	19.6
3	22.6	13.8	27.4	21.9	24.3	29.6	28.5	28.0	27.7	24.4	18.5	19.5
4	21.4	14.5	27.1	18.1	25.5	30.0	28.3	29.1	27.6	24.4	18.3	19.7
5	17.9	17.9	27.1	18.9	22.0	29.3	27.7	27.6	25.7	25.4	20.3	20.8
6	15.7	20.6	22.4	22.1	25.6	30.1	27.6	27.2	26.1	25.2	20.1	19.1
7	15.5	22.9	17.1	21.0	26.1	31.1	29.0	27.2	28.1	26.8	19.4	19.3
8	15.4	22.9	17.4	21.2	24.5	31.3	28.8	26.7	29.2	27.1	18.5	19.7
9	15.6	21.6	19.2	21.8	24.7	32.0	29.1	28.4	28.4	26.7	18.7	20.6
10	15.8	22.6	21.0	21.8	25.1	29.9	29.8	27.6	25.2	25.4	19.7	20.3
11	16.1	22.9	21.9	21.6	26.7	28.7	29.4	27.8	25.4	24.2	22.1	21.9
12	16.4	23.9	22.9	23.8	26.4	28.5	30.1	28.4	26.8	24.3	21.6	22.5
13	18.7	25.5	24.2	24.2	22.6	29.0	29.2	28.8	27.3	24.2	23.4	22.1
14	20.4	25.6	27.3	25.6	23.9	26.9	29.7	28.8	26.9	24.5	22.4	22.6
15	20.8	24.6	27.7	28.6	26.5	28.3	30.7	27.4	26.7	22.2	23.0	23.2
16	22.8	25.6	27.9	29.3	28.6	29.3	29.5	28.9	28.4	21.7	22.2	23.6
17	22.6	24.1	26.9	26.8	29.3	29.4	29.5	27.5	29.2	22.7	21.4	23.9
18	18.3	24.2	22.8	24.6	29.3	29.1	28.6	28.3	26.6	22.7	21.0	23.2
19	16.1	26.1	20.5	24.2	27.8	28.7	28.8	27.6	26.5	22.1	19.8	22.2
20	17.2	25.6	19.0	26.6	28.5	29.4	28.6	28.1	25.0	23.0	20.8	22.3
21	17.2	26.0	20.1	29.5	28.9	30.9	28.8	28.9	23.7	22.3	20.0	24.0
22	17.0	26.7	23.3	32.1	28.4	30.8	28.6	27.9	23.4	22.7	19.5	25.0
23	16.9	25.3	24.0	31.8	29.5	31.2	29.1	28.0	25.3	24.1	19.2	24.5
24	16.5	26.2	27.0	30.5	30.2	30.1	29.1	27.7	25.1	22.5	18.2	20.1
25	17.1	26.0	28.4	25.1	28.8	30.0	28.9	27.7	23.5	23.1	17.7	19.0
26	17.9	24.8	30.3	25.6	27.6	29.1	29.1	28.6	25.5	23.1	17.4	19.4
27	17.0	24.3	27.1	26.2	27.3	27.2	29.1	28.1	26.9	23.6	16.8	20.9
28	16.7	24.3	27.8	27.8	26.8	29.0	28.0	27.2	27.0	23.5	15.8	21.3

29	13.6	-99.0	28.2	26.4	27.5	30.7	28.9	26.6	26.8	24.8	15.8	19.2
30	13.4	-99.0	28.4	24.1	27.9	30.1	28.5	27.8	26.1	22.6	15.6	17.3
31	17.4	-99.0	30.4	-99.0	28.2	-99.0	28.1	29.3	-99.0	22.2	-99.0	15.6
2008												
1	14.7	11.0	15.9	23.4	26.5	27.5	28.2	27.8	27.9	22.9	25.7	14.0
2	12.7	11.4	17.5	21.4	28.6	26.1	28.2	27.0	27.9	24.3	25.8	14.5
3	13.0	11.5	17.1	21.7	29.2	26.1	28.7	28.0	28.2	26.6	23.6	15.9
4	14.6	13.1	16.8	24.8	28.1	27.1	28.3	28.1	27.5	27.9	22.7	19.3
5	15.2	14.4	17.4	25.5	27.9	25.5	29.0	27.5	26.5	26.2	24.4	18.9
6	19.3	14.2	19.9	26.4	28.1	26.0	27.9	27.7	26.6	25.1	25.8	17.4
7	18.8	13.5	20.8	27.7	28.6	27.9	27.5	27.2	27.0	25.9	25.9	16.8
8	21.5	12.5	21.3	28.3	27.8	26.8	27.7	25.9	27.6	25.4	23.5	17.4
9	21.8	12.4	21.0	28.9	27.4	27.2	26.8	26.0	26.4	25.6	21.0	17.5
10	21.7	12.3	21.1	29.1	24.1	27.6	26.7	24.9	26.4	25.8	19.2	16.7
11	22.3	12.3	21.7	29.1	23.9	27.3	28.4	26.7	25.6	25.5	18.8	18.5
12	21.2	10.7	22.2	29.8	22.7	26.7	27.2	27.7	24.9	25.3	21.2	18.1
13	20.9	11.5	22.4	26.6	24.4	26.5	27.1	27.7	24.7	25.0	19.4	17.9
14	20.0	11.6	22.6	26.1	24.6	27.7	28.6	27.9	25.3	23.4	20.5	19.1
15	17.9	12.0	22.9	27.1	25.1	28.2	28.5	28.9	26.0	23.0	21.0	18.2
16	15.1	14.4	23.4	25.9	26.8	28.6	27.5	29.3	27.5	24.0	23.3	17.0
17	15.0	14.0	23.5	27.3	28.8	28.7	27.3	28.8	27.7	24.6	23.1	17.6
18	15.4	14.3	24.8	27.3	28.8	25.7	26.1	27.8	27.7	25.9	21.8	17.8
19	18.5	14.9	22.4	28.1	24.5	26.3	28.0	25.5	27.6	24.5	19.6	16.2
20	18.9	15.6	24.1	28.2	24.1	27.6	26.9	27.3	28.5	23.4	18.2	17.3
21	21.5	17.8	25.9	28.3	26.1	26.4	29.1	29.0	27.8	25.1	19.6	18.8
22	21.3	18.7	26.4	24.5	27.6	30.2	28.1	29.2	28.3	25.8	20.8	20.8
23	17.9	19.4	22.2	24.9	28.8	30.4	26.5	28.4	28.5	27.0	22.6	16.7
24	16.4	20.1	22.0	21.7	29.4	30.0	27.2	26.9	28.0	24.4	21.1	16.4
25	15.8	22.7	22.9	21.5	28.9	28.9	26.7	28.2	26.0	23.6	20.2	16.9
26	16.7	22.0	20.9	23.3	27.1	29.6	28.3	27.2	25.3	24.5	20.4	17.2
27	16.2	15.1	22.0	25.4	28.1	28.9	27.8	28.1	26.3	25.2	20.2	17.3
28	16.6	14.2	26.5	23.4	28.6	26.2	28.0	29.2	26.3	24.8	15.9	19.6
29	15.9	14.1	27.1	25.0	23.6	27.3	26.2	28.3	27.0	24.2	18.0	21.1
30	14.9	-99.0	27.3	24.6	24.8	27.5	28.0	28.9	23.4	23.2	14.6	19.9
31	12.8	-99.0	25.0	-99.0	24.3	-99.0	27.3	28.3	-99.0	25.0	-99.0	17.3
2009												
1	14.9	18.2	22.7	21.0	26.1	27.8	28.7	-99.0	28.0	22.8	24.6	20.4
2	14.8	18.9	20.8	21.5	25.9	-99.0	30.4	-99.0	27.4	24.4	23.1	19.8
3	14.5	19.7	21.4	23.8	24.3	28.0	-99.0	29.4	27.3	-99.0	20.6	18.9
4	16.6	20.9	23.5	24.4	25.3	27.2	-99.0	29.4	27.6	-99.0	22.3	18.7
5	18.7	20.6	27.3	23.2	25.8	25.9	-99.0	29.4	28.6	26.2	20.8	18.6
6	19.6	20.9	20.5	21.3	26.9	26.3	26.4	28.2	28.5	-99.0	21.3	19.2
7	19.4	20.9	17.7	22.1	26.8	28.0	-99.0	27.5	27.9	25.5	23.3	-99.0
8	17.0	20.0	18.6	23.4	27.3	28.4	-99.0	27.0	27.7	25.0	25.1	21.7
9	13.4	21.3	19.1	24.0	27.9	28.6	-99.0	27.8	28.3	25.4	25.6	21.4
10	15.2	21.1	21.7	24.5	28.7	29.0	-99.0	27.5	28.6	25.3	25.5	21.8
11	11.5	21.7	25.1	24.5	28.7	29.1	29.8	27.5	27.2	26.3	24.9	21.2
12	12.2	23.6	25.6	24.8	27.1	29.2	26.5	28.1	26.3	24.8	27.0	21.9
13	11.7	22.8	24.5	26.8	26.2	29.1	28.4	27.2	27.9	-99.0	24.0	21.0
14	11.7	22.4	17.6	25.0	26.2	29.5	28.7	-99.0	28.4	26.4	20.5	22.0
15	12.0	21.3	16.7	24.7	26.9	27.9	28.5	-99.0	29.1	23.1	21.9	23.5
16	12.2	23.0	18.0	28.1	26.8	27.0	25.5	-99.0	26.2	23.0	21.1	20.3
17	13.9	25.4	20.0	27.7	27.2	27.4	25.6	27.2	27.5	24.1	15.8	18.0
18	17.0	24.6	21.9	27.7	26.6	28.1	26.1	28.2	28.3	24.7	15.7	16.5
19	20.0	25.3	24.5	28.4	27.8	26.9	29.5	28.8	28.8	24.9	16.7	15.6
20	17.7	25.2	24.2	26.8	26.0	29.8	27.4	28.6	28.8	25.5	15.0	14.1
21	21.4	23.8	26.8	26.5	26.9	29.7	28.3	28.0	27.3	25.1	14.3	13.9
22	18.1	27.4	27.3	27.1	27.1	29.3	27.9	-99.0	26.8	23.5	16.1	15.1
23	19.0	27.8	27.8	29.1	27.5	29.5	29.8	-99.0	27.0	24.5	16.7	17.3
24	16.0	28.4	26.1	31.2	28.6	29.4	29.5	27.9	26.2	-99.0	17.8	19.3
25	13.8	27.4	24.6	25.8	28.3	30.0	29.5	28.0	24.1	-99.0	19.0	20.8
26	15.2	27.4	23.8	23.9	28.9	28.6	28.3	-99.0	24.0	25.9	21.3	21.9
27	13.3	25.2	25.8	24.4	28.7	28.0	29.1	30.1	24.4	25.9	21.4	22.1
28	15.3	26.0	27.3	24.9	29.7	26.2	28.3	28.9	26.0	25.2	-99.0	16.5
29	16.5	-99.0	25.5	25.0	25.9	28.9	25.8	-99.0	24.2	25.3	22.1	19.0
30	17.2	-99.0	24.5	25.2	23.6	29.1	26.9	-99.0	22.8	25.9	21.4	19.2
31	18.2	-99.0	21.6	-99.0	25.8	-99.0	26.3	-99.0	-99.0	25.3	-99.0	21.0
2010												
1	20.2	24.5	26.6	28.1	25.4	30.9	30.8	28.9	28.9	25.4	18.2	20.9
2	21.2	25.2	26.5	27.2	27.4	28.9	30.4	27.5	27.7	24.4	19.1	19.5
3	20.5	24.9	25.0	23.6	27.4	26.1	30.2	26.9	27.7	24.0	18.9	20.6
4	21.8	24.9	24.0	26.7	29.5	26.4	30.3	27.0	28.1	23.0	17.7	20.6
5	23.7	25.2	23.9	29.6	30.5	27.4	31.0	26.6	28.4	23.2	20.7	20.0
6	22.9	26.5	23.9	30.1	31.8	27.7	31.1	27.8	28.9	24.3	-99.0	21.6
7	19.4	26.1	22.2	26.6	31.4	29.4	31.6	28.4	28.5	24.3	20.0	21.0
8	17.9	25.6	22.2	23.5	30.2	30.0	30.8	28.0	29.0	24.7	20.3	18.5
9	19.8	25.8	16.9	24.2	29.4	28.5	31.4	27.6	28.3	24.0	20.6	19.4

10	23.3	24.3	15.4	29.3	28.4	30.2	31.0	28.0	28.3	26.4	20.8	20.4
11	21.8	23.4	16.8	30.5	27.2	28.5	30.8	28.7	27.9	28.6	21.0	22.0
12	16.0	21.2	18.5	30.1	28.5	30.2	31.2	29.1	27.0	26.1	20.5	23.3
13	14.0	19.5	24.0	28.4	28.6	29.1	27.3	28.3	25.7	26.7	19.7	24.7
14	14.8	20.0	27.1	29.2	29.5	30.4	28.0	29.2	26.0	25.5	21.8	25.1
15	17.5	19.1	28.3	24.7	27.9	30.8	29.2	29.2	25.9	24.9	22.9	25.4
16	-99.0	16.1	22.9	20.2	29.2	29.4	30.5	28.1	27.1	23.0	22.0	16.7
17	17.3	14.5	21.5	20.5	30.4	30.9	28.3	26.5	26.7	22.0	21.0	14.3
18	17.0	13.3	22.8	23.3	29.0	31.0	27.6	27.7	27.4	23.3	21.6	16.3
19	18.2	12.3	24.0	26.4	30.1	32.4	27.5	29.3	28.2	24.2	21.5	17.0
20	20.5	15.9	25.3	28.0	31.0	30.1	29.3	26.8	28.5	24.9	22.4	20.1
21	20.3	16.6	24.3	29.5	30.8	27.9	28.9	25.2	28.6	23.7	23.5	20.8
22	21.4	19.1	25.8	27.6	32.0	28.4	26.1	26.5	27.7	23.9	24.2	19.9
23	18.4	21.0	28.4	22.2	30.7	29.3	26.7	27.6	26.7	23.6	24.2	21.2
24	18.2	25.3	29.1	22.2	27.7	29.6	27.3	25.5	26.1	24.7	23.8	23.4
25	18.3	22.5	21.8	25.3	27.4	29.6	28.4	26.2	28.0	24.5	22.8	23.8
26	18.1	22.9	19.8	28.5	29.9	27.2	26.8	27.6	27.1	22.7	-99.0	16.0
27	19.1	22.7	18.4	23.5	29.1	30.8	25.1	26.5	27.6	22.0	-99.0	15.2
28	20.6	24.6	21.1	25.1	-99.0	28.8	27.7	25.4	27.3	20.4	-99.0	15.8
29	20.5	-99.0	23.6	27.2	-99.0	28.4	28.0	24.4	26.9	19.1	22.0	19.3
30	-99.0	-99.0	22.2	27.5	-99.0	29.0	29.0	27.0	25.9	19.3	22.5	19.3
31	23.9	-99.0	25.3	-99.0	30.9	-99.0	30.2	27.5	-99.0	17.2	-99.0	16.7
2011												
1	17.3	13.1	21.6	19.5	26.3	27.8	25.8	26.4	28.0	23.2	22.8	22.6
2	19.6	14.0	21.2	21.6	28.1	29.8	27.0	25.9	28.0	23.8	22.8	17.1
3	19.2	16.6	20.8	22.8	27.2	29.8	28.0	26.2	27.9	23.8	23.5	16.5
4	18.0	18.1	18.7	22.3	26.8	28.3	29.0	27.9	28.2	23.7	24.2	17.0
5	17.5	18.7	20.4	21.6	25.4	29.0	29.8	29.3	27.4	21.6	24.6	19.3
6	17.0	18.4	22.7	22.9	27.7	29.2	30.3	27.6	27.4	21.5	24.4	20.2
7	14.3	21.1	20.5	22.6	28.4	28.2	30.6	27.7	28.1	22.5	24.8	22.2
8	14.7	21.2	16.7	23.6	28.9	28.8	29.7	28.4	28.0	24.2	24.6	20.3
9	14.7	23.7	18.3	23.0	28.7	29.6	28.7	27.6	26.6	23.8	23.3	16.3
10	12.7	22.8	19.0	24.1	28.2	30.0	28.1	26.6	23.9	25.9	21.9	13.9
11	11.8	23.8	18.9	23.6	28.8	29.3	28.6	27.4	24.8	26.0	20.9	14.7
12	11.1	18.7	19.7	22.8	28.0	29.1	27.9	27.3	24.5	24.8	20.3	14.9
13	13.6	17.1	22.3	24.3	26.7	28.5	27.4	28.6	26.3	25.8	21.7	14.9
14	15.3	14.8	22.4	25.3	25.0	28.9	27.2	29.5	27.1	24.9	21.5	14.8
15	14.5	15.6	20.8	26.9	27.7	30.2	24.9	29.1	27.0	24.7	21.1	16.5
16	13.0	16.9	13.0	28.3	27.0	30.2	27.1	27.7	27.5	23.3	22.8	16.6
17	13.5	17.8	11.5	26.6	25.2	29.7	28.1	27.1	27.8	22.6	23.2	16.0
18	14.2	18.6	12.8	23.0	26.5	29.5	27.9	26.6	27.8	22.8	22.6	15.8
19	15.9	18.4	18.8	24.2	25.5	29.7	27.3	25.9	28.2	23.0	22.7	16.0
20	16.4	17.3	23.7	24.7	26.8	27.9	27.0	25.3	26.7	22.6	22.5	17.4
21	14.2	17.4	25.3	26.2	28.3	28.4	27.6	26.5	25.5	23.8	21.2	18.2
22	14.7	18.2	22.6	26.0	29.2	29.2	28.4	28.0	25.6	23.3	21.1	18.2
23	15.5	19.2	18.0	24.2	25.1	29.7	26.4	29.7	25.9	23.2	20.8	16.7
24	15.1	20.9	17.0	24.3	23.4	26.3	28.4	27.6	25.3	24.8	21.4	15.6
25	14.8	21.5	15.4	25.0	22.6	24.8	29.4	27.8	25.5	24.7	20.5	13.0
26	15.3	21.8	15.1	25.1	25.4	26.6	29.4	26.6	25.2	24.4	21.6	13.7
27	15.7	23.2	14.2	25.8	26.9	27.4	30.1	27.9	23.8	24.6	22.8	15.5
28	15.2	22.8	14.8	25.4	26.7	28.5	29.9	28.6	26.1	24.4	23.5	17.5
29	13.3	-99.0	15.6	25.7	26.2	28.1	27.4	28.6	27.3	23.7	23.9	20.3
30	13.0	-99.0	14.8	25.9	26.9	27.1	26.1	28.6	26.0	23.3	24.2	18.3
31	12.8	-99.0	18.3	-99.0	27.8	-99.0	25.9	28.9	-99.0	22.8	-99.0	17.4
2012												
1	17.8	17.3	18.8	21.8	29.0	28.0	25.9	28.0	27.5	24.8	21.6	26.5
2	18.8	17.8	20.5	22.7	29.1	27.5	26.5	28.2	25.9	25.2	21.1	23.3
3	20.3	16.7	21.5	22.3	29.7	28.2	28.3	27.6	25.1	26.0	22.3	20.5
4	17.0	18.4	24.3	26.7	30.2	29.0	28.4	28.6	25.9	26.6	25.0	20.6
5	13.9	20.8	26.4	25.7	28.9	30.1	27.2	30.1	25.0	25.3	24.4	20.5
6	14.9	23.9	25.3	24.8	27.4	29.0	28.4	27.4	24.6	24.7	24.9	18.8
7	16.0	19.1	24.0	23.9	27.5	27.6	27.7	26.0	25.3	25.0	26.1	19.3
8	16.1	17.0	25.3	23.7	29.4	29.0	28.1	24.6	26.1	24.7	26.8	20.5
9	16.4	17.0	21.6	-99.0	29.1	29.0	28.1	24.5	27.1	25.3	27.4	21.4
10	16.8	17.5	17.5	-99.0	30.0	28.6	29.3	26.3	26.7	26.0	28.1	22.0
11	16.2	16.6	16.3	-99.0	27.5	29.0	30.4	26.9	27.8	26.0	24.6	23.5
12	16.0	17.6	16.6	-99.0	27.5	29.6	29.4	27.6	28.3	25.7	21.6	21.0
13	17.1	19.4	17.1	27.6	29.0	30.0	28.7	28.2	28.4	27.5	23.4	22.2
14	18.5	20.3	18.2	28.6	30.4	-99.0	28.9	27.8	24.8	26.6	24.1	24.1
15	19.5	21.0	20.0	28.3	27.2	28.5	29.5	27.0	23.9	27.0	25.0	24.5
16	20.4	21.0	22.3	28.2	28.6	28.6	29.8	28.2	24.9	27.4	25.0	22.4
17	20.1	17.7	24.8	28.9	29.1	29.4	29.1	26.9	26.8	26.1	22.0	21.3
18	21.7	15.9	26.3	27.8	28.4	28.5	28.2	26.1	28.0	24.2	22.3	22.4
19	23.6	-99.0	27.3	28.6	28.4	30.2	28.9	28.0	27.6	24.9	23.0	19.0
20	24.0	16.7	27.2	29.2	29.8	28.9	29.2	28.8	27.6	26.1	24.7	20.3
21	24.0	18.5	26.9	24.3	30.0	28.7	30.6	28.3	29.0	26.5	25.9	22.5
22	21.3	21.6	27.6	25.3	28.2	28.3	30.0	27.1	26.9	25.8	27.5	12.8

23	15.3	23.7	25.9	29.0	27.5	27.3	27.2	25.7	28.4	26.0	27.1	12.8
24	15.3	22.5	19.0	29.9	28.2	25.5	27.8	25.3	28.1	25.3	23.3	16.1
25	13.7	22.9	19.3	30.4	28.6	27.8	28.1	27.8	28.5	25.6	24.0	17.4
26	13.7	19.8	19.1	26.8	27.2	28.5	27.5	28.1	27.0	25.4	24.0	18.7
27	15.3	15.9	20.9	25.9	27.6	27.8	28.4	28.9	25.4	25.1	20.0	20.7
28	17.0	15.5	23.7	29.6	28.0	29.0	28.0	29.0	26.3	24.9	21.1	21.1
29	17.4	-99.0	24.0	29.1	27.9	30.0	26.5	29.1	25.6	27.0	22.8	22.1
30	16.8	-99.0	23.8	29.8	28.0	27.7	26.5	28.4	25.1	25.2	25.4	16.2
31	16.1	-99.0	21.9	-99.0	27.5	-99.0	25.4	29.6	-99.0	23.3	-99.0	12.8

7777 TUYENHOA

1961

1	-99.0	-99.0	21.2	19.3	25.4	31.3	29.2	30.4	25.1	25.0	23.1	23.1
2	-99.0	-99.0	21.2	20.9	26.0	31.2	29.8	31.2	26.2	25.3	23.3	23.6
3	-99.0	-99.0	22.3	22.2	26.0	29.4	30.0	30.1	28.3	25.8	23.9	23.1
4	-99.0	-99.0	21.9	25.5	23.6	23.7	30.9	30.5	29.2	25.3	20.4	20.7
5	-99.0	-99.0	22.3	25.6	24.0	25.1	29.0	29.7	27.2	25.7	18.8	16.8
6	-99.0	-99.0	23.9	24.8	24.8	25.6	30.4	29.8	26.3	25.0	19.1	13.8
7	-99.0	-99.0	23.6	23.5	25.0	24.2	30.2	29.9	26.0	23.8	20.2	15.0
8	-99.0	-99.0	24.3	25.3	26.2	25.7	29.7	29.8	25.4	23.8	22.2	17.1
9	-99.0	-99.0	20.9	24.8	28.2	28.4	30.0	29.1	24.6	24.8	24.0	17.4
10	-99.0	-99.0	17.8	22.6	29.2	28.4	29.4	29.7	25.6	24.5	23.0	18.2
11	-99.0	-99.0	18.8	25.1	29.2	27.3	30.4	29.1	27.2	25.3	22.8	18.6
12	-99.0	-99.0	20.7	26.4	24.3	25.6	31.1	30.8	26.2	24.6	23.4	19.8
13	-99.0	-99.0	23.0	26.8	24.6	27.1	31.8	28.4	26.6	23.5	22.7	20.2
14	-99.0	-99.0	23.8	25.9	26.3	25.6	31.2	28.0	26.2	22.5	22.4	20.6
15	-99.0	-99.0	21.9	24.5	26.5	27.2	30.2	26.8	26.1	22.8	22.4	21.3
16	-99.0	-99.0	19.8	24.3	27.0	28.6	29.9	26.9	25.9	24.2	23.4	23.0
17	-99.0	-99.0	22.0	26.2	26.6	27.2	28.8	27.3	25.1	24.8	23.8	23.8
18	-99.0	-99.0	24.5	27.9	26.1	27.1	25.7	27.9	25.4	24.2	24.0	23.8
19	-99.0	-99.0	25.8	29.3	27.4	27.1	25.7	26.4	25.1	23.7	24.4	23.7
20	-99.0	-99.0	26.6	27.6	30.0	25.4	27.1	24.4	26.5	24.1	21.0	24.1
21	-99.0	-99.0	26.5	30.0	29.7	26.9	27.4	25.3	28.2	23.8	19.4	23.5
22	-99.0	-99.0	27.1	27.7	27.0	26.6	28.0	26.6	25.6	24.4	18.4	21.2
23	-99.0	-99.0	26.9	28.8	24.2	27.8	28.8	27.5	24.9	25.0	18.5	20.0
24	-99.0	-99.0	27.6	29.4	24.8	28.1	29.0	27.6	24.3	25.1	17.9	21.0
25	-99.0	-99.0	22.4	29.5	25.0	25.7	30.5	27.1	24.2	24.2	17.6	22.2
26	-99.0	-99.0	19.4	23.2	24.6	26.4	31.0	27.8	26.5	23.5	18.4	22.2
27	-99.0	-99.0	17.6	21.0	25.7	28.4	30.0	28.3	28.2	24.5	20.8	21.6
28	-99.0	-99.0	16.0	21.4	27.2	29.9	29.5	29.9	26.4	24.6	22.6	20.9
29	-99.0	-99.0	17.1	23.2	26.1	26.8	30.2	27.7	26.7	24.0	23.8	15.8
30	-99.0	-99.0	18.8	24.2	28.6	26.8	29.6	27.3	26.6	24.1	23.4	16.7
31	-99.0	-99.0	18.6	-99.0	30.6	-99.0	29.2	26.0	-99.0	23.2	-99.0	15.3

1962

1	12.4	12.8	16.2	23.6	27.4	27.8	30.8	27.5	27.4	24.4	26.0	12.9
2	11.8	14.6	13.8	25.8	27.6	26.9	31.2	28.2	29.2	-99.0	26.5	13.5
3	11.7	14.7	15.1	21.2	29.1	28.2	29.8	27.8	25.8	26.2	24.5	14.1
4	12.4	14.6	16.4	18.4	29.3	27.9	29.4	27.0	24.8	26.4	18.6	15.3
5	14.6	14.9	19.4	22.5	29.2	29.2	28.6	25.6	22.8	25.0	19.3	15.1
6	15.9	16.8	21.1	24.6	28.6	29.8	27.8	25.6	22.6	24.6	20.5	15.4
7	17.3	18.0	22.0	25.8	28.6	30.2	27.9	26.5	23.6	24.8	21.8	17.5
8	16.4	19.0	22.7	25.6	29.3	26.6	29.2	26.8	23.4	24.4	20.6	16.9
9	13.4	18.8	23.4	24.2	27.7	28.2	29.6	25.0	23.5	24.4	20.4	18.0
10	15.0	21.3	22.2	24.8	24.8	27.8	28.9	27.0	24.5	25.0	20.2	19.6
11	17.0	22.2	22.5	24.1	26.3	28.4	25.3	27.1	25.9	25.0	20.3	19.6
12	18.6	22.3	21.8	24.4	26.4	28.6	24.3	27.2	26.4	25.0	20.1	19.6
13	18.5	21.6	22.0	22.9	26.9	29.5	25.3	27.4	26.3	26.3	21.9	20.9
14	21.2	18.9	24.0	20.3	28.7	29.2	25.2	27.1	25.7	25.2	22.1	20.8
15	22.2	15.0	22.6	22.3	28.0	29.4	28.0	27.0	25.6	20.2	22.8	21.6
16	19.5	14.5	23.4	25.8	27.2	27.2	27.4	28.4	25.8	19.2	23.2	20.8
17	15.8	15.2	23.2	27.6	28.1	25.1	26.7	28.8	26.7	20.2	23.8	20.5
18	15.0	16.9	23.5	21.7	25.8	26.7	26.4	29.2	25.2	23.7	22.4	19.2
19	12.6	16.0	25.7	20.9	22.2	27.4	27.4	28.5	26.0	25.6	21.9	19.8
20	11.3	16.5	27.6	23.2	23.8	28.2	29.9	27.8	25.5	24.0	22.6	19.4
21	13.2	17.5	27.9	24.6	25.1	30.6	30.6	29.1	26.0	20.3	24.0	17.7
22	14.0	19.0	22.6	26.0	26.9	31.0	31.1	28.5	24.3	20.2	22.4	17.4
23	14.8	20.7	18.2	25.8	27.2	31.9	30.7	28.7	25.8	21.0	17.3	16.2
24	14.2	21.8	14.7	26.0	26.7	31.0	29.6	25.4	24.6	21.0	17.9	15.8
25	14.8	23.7	13.9	22.4	28.3	30.1	29.4	26.5	25.6	22.8	20.1	16.2
26	14.7	22.0	16.6	23.1	30.8	29.3	29.4	27.0	24.9	21.2	21.6	18.4
27	13.0	19.5	17.0	24.4	30.8	30.9	29.9	28.2	24.5	20.1	19.5	19.6
28	14.2	18.0	19.0	25.4	32.2	31.0	30.5	28.3	24.3	21.6	15.0	20.3
29	16.2	-99.0	18.2	25.9	32.8	30.5	28.4	28.6	25.2	22.2	13.1	22.0
30	15.2	-99.0	16.7	25.5	31.2	30.6	28.8	28.3	24.5	23.4	12.0	18.4
31	12.6	-99.0	18.6	-99.0	28.4	-99.0	28.0	26.7	-99.0	24.8	-99.0	16.0

1963

1	17.2	17.2	17.2	22.3	25.8	31.5	29.4	27.7	27.8	24.5	22.7	22.9
2	17.7	18.0	17.8	22.0	26.8	28.7	30.4	26.6	27.6	24.3	22.6	21.7

3	17.0	17.5	18.8	22.4	24.8	26.9	28.6	26.0	26.8	24.2	23.6	18.4
4	19.6	17.3	20.2	24.0	26.7	26.1	26.4	26.6	26.4	24.6	23.0	15.1
5	16.2	19.4	20.8	24.4	25.9	26.2	27.8	26.8	25.6	23.2	23.3	18.5
6	14.2	20.5	19.8	23.7	25.6	27.8	28.9	26.0	27.5	22.9	23.3	19.9
7	14.4	21.4	19.4	23.7	26.5	29.0	30.0	26.5	28.8	23.2	23.6	21.6
8	14.2	21.2	20.2	18.1	26.4	27.3	30.2	26.9	25.5	24.5	23.2	22.2
9	15.5	15.9	22.8	15.3	26.2	27.2	31.6	26.3	25.4	25.0	24.0	22.4
10	15.4	15.6	23.7	17.3	27.8	25.4	31.3	26.3	27.6	25.5	24.0	19.4
11	13.6	14.4	23.9	19.3	28.6	26.3	31.0	27.0	29.1	25.0	23.6	15.2
12	13.0	14.4	22.6	22.0	27.8	27.2	29.7	28.2	28.1	25.8	23.6	16.2
13	12.7	14.7	19.0	23.6	28.7	28.5	29.5	28.6	28.4	25.4	23.9	16.6
14	12.4	16.0	16.2	24.5	27.9	28.6	29.5	29.1	28.8	24.9	24.5	18.0
15	10.5	16.4	14.7	26.2	28.1	28.5	28.1	29.6	30.7	24.1	24.8	20.1
16	11.8	17.3	15.2	26.4	25.8	26.5	28.5	29.8	29.2	25.0	23.2	21.2
17	12.8	19.8	16.9	26.2	26.1	27.5	30.1	29.4	27.0	22.8	23.8	20.3
18	13.7	19.9	20.0	25.2	26.2	28.4	30.2	28.5	24.6	19.6	24.1	18.4
19	14.7	20.1	20.7	26.7	26.6	27.2	29.4	29.0	27.4	20.3	24.3	18.7
20	16.2	20.7	21.0	27.4	27.7	27.0	29.2	27.4	25.8	19.7	23.2	16.7
21	17.6	19.4	23.0	27.9	24.2	27.6	28.6	27.4	26.3	19.9	24.3	16.8
22	16.9	15.6	22.5	26.3	25.6	28.4	27.9	27.7	24.4	20.2	23.4	16.2
23	16.5	15.6	22.1	25.0	27.0	26.9	29.2	26.3	25.0	21.0	23.2	16.8
24	15.7	16.4	22.8	25.1	26.8	25.5	27.4	27.2	25.4	21.7	23.4	19.0
25	15.1	18.6	23.7	25.8	27.1	27.1	25.2	27.1	23.4	22.6	19.9	18.7
26	13.4	18.1	23.0	25.0	26.2	27.6	25.4	27.4	23.0	21.2	19.7	19.5
27	13.2	17.2	24.1	24.5	26.7	28.5	24.5	27.5	24.8	22.4	18.2	16.7
28	14.0	16.0	20.4	26.0	26.8	28.3	26.0	25.5	25.5	23.6	19.6	16.5
29	15.7	-99.0	19.4	25.7	28.0	29.7	26.0	26.6	24.6	21.0	22.3	17.8
30	16.4	-99.0	18.6	25.5	28.5	28.8	26.4	24.4	25.6	21.2	23.4	19.8
31	16.0	-99.0	21.3	-99.0	30.5	-99.0	27.9	27.2	-99.0	22.8	-99.0	22.1
1964												
1	22.7	13.6	17.2	24.4	25.1	30.6	27.8	32.4	26.9	22.2	24.6	22.0
2	20.7	15.0	19.0	23.0	25.6	30.9	26.4	31.7	27.0	22.9	23.9	21.0
3	16.6	15.2	21.4	24.0	26.2	29.0	26.2	31.5	28.6	24.2	24.5	20.1
4	16.8	15.6	21.9	26.5	26.3	26.4	25.9	28.7	28.2	25.1	22.2	14.2
5	18.1	16.8	23.6	26.6	24.0	21.3	26.9	26.5	27.7	25.3	23.6	14.9
6	19.0	18.6	23.6	26.5	23.8	25.3	27.3	25.3	27.7	24.7	23.0	15.4
7	21.5	21.2	22.2	24.7	23.7	27.4	28.2	26.2	26.5	23.4	20.7	16.2
8	22.2	22.7	19.7	24.4	25.3	28.0	26.8	28.8	25.4	22.5	20.1	18.7
9	22.6	22.1	18.0	24.2	27.3	28.3	27.6	29.9	25.4	23.6	17.7	20.4
10	21.2	23.0	17.3	25.4	28.4	29.2	28.2	29.9	26.7	23.0	16.6	20.1
11	20.6	23.2	17.6	24.1	23.3	30.3	28.7	30.1	27.6	23.7	15.9	19.0
12	23.0	18.7	19.3	24.6	22.2	29.8	27.8	30.6	28.4	24.4	17.8	19.5
13	23.3	15.9	20.4	25.4	23.1	31.2	27.8	28.5	24.9	24.2	18.1	19.6
14	23.7	17.0	20.3	26.2	25.7	30.2	28.8	26.6	24.4	26.6	18.1	19.5
15	22.8	19.2	19.6	25.4	26.2	29.6	29.9	25.4	24.7	25.3	19.1	18.2
16	22.6	21.6	20.8	24.6	27.4	29.7	30.7	27.5	25.3	25.4	18.5	15.0
17	22.6	21.8	21.9	25.6	28.3	31.1	30.2	30.2	26.4	27.0	18.2	15.6
18	17.8	20.2	23.4	24.5	29.2	31.8	30.9	30.3	27.2	26.6	17.3	13.7
19	14.1	19.4	24.4	25.5	29.7	30.9	31.4	29.2	25.2	25.8	17.8	13.0
20	14.4	15.7	24.2	26.3	30.0	28.1	29.4	28.9	25.8	24.3	18.6	14.5
21	18.6	12.5	24.4	26.3	29.1	27.3	28.6	29.0	25.8	25.5	20.6	17.0
22	23.2	13.7	24.0	25.7	28.1	28.4	28.6	27.4	24.2	24.6	17.4	16.6
23	23.2	14.9	23.8	26.0	27.1	28.2	27.1	26.9	25.3	22.7	16.8	19.2
24	17.6	13.4	22.7	26.5	27.6	29.8	27.8	24.9	25.9	22.3	17.6	18.8
25	15.3	10.6	15.6	27.0	26.7	28.8	27.6	28.1	26.0	21.0	18.2	18.8
26	15.1	9.0	16.0	26.8	26.6	28.5	28.0	27.7	25.7	22.8	17.9	19.6
27	15.9	11.2	18.0	26.4	26.3	29.4	28.9	27.0	24.8	22.7	18.4	14.8
28	15.4	14.8	19.4	27.3	26.8	31.0	29.1	27.2	24.5	23.6	19.2	15.0
29	14.8	15.0	21.0	27.2	28.5	32.1	30.5	27.7	23.6	24.2	20.6	16.2
30	13.1	-99.0	21.4	24.8	27.2	30.3	31.2	27.3	22.0	24.4	22.1	17.0
31	12.8	-99.0	23.1	-99.0	28.2	-99.0	32.2	25.8	-99.0	24.0	-99.0	17.5
1965												
1	16.8	20.0	21.0	26.3	24.8	26.5	27.6	27.0	29.0	26.9	25.8	18.3
2	16.9	19.3	23.4	27.2	21.5	29.1	28.1	29.1	25.8	27.2	25.4	20.0
3	19.1	17.5	22.8	28.3	22.1	30.3	29.6	28.1	26.8	26.3	24.2	20.8
4	19.1	18.0	19.9	28.2	24.3	30.4	30.6	30.4	28.2	26.9	24.7	20.9
5	19.3	21.6	17.5	25.3	25.1	28.2	29.5	30.2	29.8	26.4	23.9	22.9
6	20.2	18.6	17.0	23.0	26.1	27.1	29.8	30.6	29.2	27.0	24.9	23.7
7	18.6	16.8	15.8	24.6	26.3	27.6	28.9	29.9	26.4	27.2	25.0	21.0
8	15.0	19.5	14.9	24.7	29.4	28.1	30.6	29.2	26.0	26.6	24.4	19.6
9	16.7	21.5	14.7	24.2	30.7	28.6	29.0	27.6	26.4	26.4	23.6	19.0
10	16.4	22.7	16.6	25.7	31.6	26.7	28.6	29.3	27.4	26.8	20.4	20.7
11	16.0	23.0	18.9	21.9	31.6	26.6	26.4	28.6	28.2	24.0	21.4	19.4
12	15.0	22.3	19.4	20.7	29.7	25.2	24.2	28.4	28.8	25.2	21.4	18.6
13	15.8	21.4	20.0	22.1	30.2	26.5	26.3	28.0	27.4	26.2	21.1	20.1
14	15.6	21.4	20.8	23.2	31.7	27.8	27.3	27.2	24.9	23.2	21.6	21.6
15	16.2	22.3	20.5	24.8	31.6	28.6	28.9	26.2	22.9	22.3	24.1	22.6



31	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
1967												
1	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
2	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
3	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
4	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
5	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
6	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
7	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
8	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
9	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
10	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
11	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
12	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
13	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
14	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
15	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
16	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
17	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
18	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
19	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
20	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
21	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
22	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
23	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
24	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
25	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
26	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
27	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
28	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
29	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
30	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
31	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0
-99.0												
1968												
1	12.2	-99.0	16.4	22.7	22.7	-99.0	-99.0	-99.0	26.6	22.9	24.6	22.4
2	13.9	-99.0	13.4	24.4	23.0	-99.0	-99.0	-99.0	26.4	23.0	23.9	21.8
3	14.2	-99.0	13.6	23.9	24.5	-99.0	-99.0	-99.0	25.9	24.3	23.9	22.7
4	13.4	-99.0	17.2	20.4	26.0	-99.0	-99.0	-99.0	24.4	25.2	23.9	22.3
5	14.4	-99.0	19.7	19.8	27.0	-99.0	-99.0	-99.0	25.0	26.2	22.4	23.2
6	16.8	-99.0	21.2	20.3	25.2	-99.0	-99.0	-99.0	25.9	28.7	20.8	23.1
7	18.1	-99.0	21.8	23.0	27.8	-99.0	-99.0	-99.0	24.0	28.5	24.0	23.3
8	17.8	-99.0	21.2	24.6	26.9	-99.0	-99.0	-99.0	27.0	27.8	25.8	22.4
9	15.5	-99.0	20.3	25.3	26.3	-99.0	-99.0	-99.0	25.3	24.9	23.0	22.4
10	16.6	-99.0	18.4	25.9	27.4	-99.0	-99.0	-99.0	26.0	25.6	22.5	22.7
11	17.8	-99.0	20.0	22.1	27.4	-99.0	-99.0	-99.0	26.2	23.6	22.3	22.4



12	19.0	-99.0	19.6	18.0	27.2	-99.0	-99.0	-99.0	26.1	24.1	23.4	22.5
13	17.4	-99.0	19.7	18.4	24.4	-99.0	-99.0	-99.0	25.0	24.3	24.0	22.9
14	17.8	-99.0	21.6	21.0	25.5	-99.0	-99.0	-99.0	25.8	23.6	23.3	22.2
15	17.6	-99.0	21.8	23.0	27.1	-99.0	-99.0	-99.0	27.0	24.1	23.1	20.8
16	15.7	-99.0	22.2	24.8	27.7	-99.0	-99.0	-99.0	28.1	24.7	22.3	19.6
17	16.3	-99.0	23.2	25.6	28.6	-99.0	-99.0	-99.0	27.8	23.6	22.5	22.4
18	18.0	-99.0	23.6	24.9	30.0	-99.0	-99.0	-99.0	28.4	23.7	21.8	22.5
19	19.2	-99.0	24.0	25.1	30.6	-99.0	-99.0	-99.0	27.6	20.0	22.2	22.2
20	20.9	-99.0	24.0	21.5	30.4	-99.0	-99.0	-99.0	25.8	20.8	22.4	22.1
21	19.5	-99.0	24.2	21.4	29.2	-99.0	-99.0	-99.0	23.7	21.3	22.9	22.0
22	21.1	-99.0	24.2	22.2	28.9	-99.0	-99.0	-99.0	24.2	22.1	22.6	18.2
23	21.0	-99.0	23.8	23.9	30.2	-99.0	-99.0	-99.0	25.3	22.5	22.0	16.5
24	21.3	-99.0	24.0	24.5	31.7	-99.0	-99.0	-99.0	25.4	21.8	22.5	19.6
25	22.4	-99.0	18.6	23.3	31.9	-99.0	-99.0	-99.0	24.2	21.3	22.4	21.2
26	21.8	-99.0	17.0	20.2	32.9	-99.0	-99.0	-99.0	25.0	21.0	22.1	21.0
27	21.2	-99.0	18.6	19.4	30.0	-99.0	-99.0	-99.0	25.4	21.3	22.7	21.0
28	20.0	-99.0	23.9	20.6	25.7	-99.0	-99.0	-99.0	24.6	22.4	23.0	21.1
29	20.5	-99.0	22.0	21.8	26.6	-99.0	-99.0	-99.0	23.2	21.6	21.5	21.6
30	21.4	-99.0	22.0	21.3	28.3	-99.0	-99.0	-99.0	23.3	23.5	21.1	22.5
31	21.9	-99.0	22.2	-99.0	27.2	-99.0	-99.0	-99.0	-99.0	22.9	-99.0	21.4
1969												
1	21.7	15.0	19.0	20.3	27.0	25.7	27.6	30.1	26.8	23.9	23.6	16.6
2	20.7	15.0	18.6	22.8	27.2	27.0	28.4	29.7	25.7	22.8	22.3	17.6
3	19.2	16.3	20.5	24.4	28.5	28.7	28.3	30.6	26.4	21.8	20.6	16.0
4	19.1	12.4	18.9	23.4	27.4	29.7	30.8	30.6	25.2	22.0	21.2	15.0
5	18.7	11.4	16.7	14.3	29.3	30.8	31.5	30.4	25.9	22.0	21.4	16.4
6	15.5	11.2	17.1	15.9	25.7	26.0	31.1	29.9	26.0	22.6	20.4	18.7
7	12.7	12.3	18.0	17.8	26.8	28.3	31.0	28.8	26.4	22.6	19.5	19.6
8	15.6	13.2	20.8	18.9	26.7	30.0	30.7	27.2	25.4	22.4	19.0	18.2
9	18.4	14.5	19.0	20.2	26.8	30.6	30.5	27.3	26.7	22.4	19.7	15.7
10	21.4	19.3	18.0	21.5	28.7	31.1	31.1	27.3	26.5	22.3	19.3	14.2
11	23.2	21.6	17.9	24.5	29.0	30.7	27.7	27.0	26.6	23.4	19.3	15.5
12	21.3	21.7	16.7	25.6	30.2	29.5	27.6	25.3	27.1	23.8	21.1	15.3
13	16.6	23.0	15.8	24.0	32.5	30.4	28.1	25.8	24.7	23.4	23.8	16.5
14	17.6	23.1	17.0	26.6	31.7	30.8	30.4	26.4	25.7	25.2	23.6	15.9
15	16.1	23.5	19.0	28.4	29.5	31.2	30.6	26.8	25.4	25.7	24.6	16.6
16	14.5	22.4	18.3	26.7	31.2	31.3	30.8	26.7	25.5	25.6	25.4	16.5
17	15.6	23.5	17.6	26.0	30.9	27.5	30.4	26.4	24.4	26.4	22.7	15.7
18	20.2	25.5	19.9	25.5	30.2	24.9	27.8	26.0	23.2	27.4	17.0	15.7
19	23.1	25.8	22.8	26.2	31.7	25.2	27.6	27.2	23.0	26.9	17.5	15.7
20	25.0	24.5	23.3	26.9	31.0	27.0	26.6	27.5	24.0	27.6	18.9	15.5
21	24.6	20.9	23.7	26.7	31.3	28.3	27.0	27.5	25.9	28.3	20.2	17.2
22	23.4	17.6	24.2	27.0	31.3	28.2	25.1	28.0	26.0	26.9	20.6	18.0
23	22.7	17.9	24.3	28.0	31.9	29.3	24.2	28.0	26.1	26.8	19.8	17.1
24	23.4	18.9	25.3	27.7	30.5	29.8	26.5	29.4	26.5	26.3	16.5	17.7
25	22.4	20.5	24.4	27.0	30.4	28.8	28.7	31.6	26.7	26.4	14.4	19.6
26	23.8	20.8	25.3	26.8	32.0	29.7	29.4	31.4	26.0	23.6	15.4	20.4
27	24.5	17.4	26.4	27.2	23.0	30.0	29.1	26.4	27.2	20.5	14.8	19.8
28	25.2	17.2	27.0	26.6	24.6	28.9	28.9	28.1	28.1	21.1	15.4	17.0
29	25.2	-99.0	25.8	26.9	25.9	30.1	30.2	26.9	25.3	23.4	16.0	16.7
30	23.2	-99.0	23.0	27.2	23.6	30.2	30.0	27.4	24.0	24.6	15.6	17.8
31	17.6	-99.0	19.2	-99.0	24.4	-99.0	29.4	27.6	-99.0	24.8	-99.0	18.9
1970												
1	19.5	17.6	21.4	26.2	29.1	29.2	28.4	26.6	27.5	18.4	15.2	15.6
2	18.6	18.5	25.3	19.6	28.6	29.4	29.4	27.7	25.9	21.5	16.7	17.8
3	19.0	18.7	22.6	19.5	27.2	28.7	30.2	29.0	26.2	21.9	17.4	18.1
4	18.6	19.2	19.4	20.0	26.8	29.2	30.0	30.0	24.2	22.7	18.2	17.1
5	18.8	17.9	17.8	20.2	26.4	30.5	30.0	29.2	23.4	22.4	18.4	17.6
6	17.0	17.9	19.4	22.4	27.4	30.9	29.6	27.6	24.8	22.8	18.1	18.5
7	15.5	17.9	20.0	22.6	27.8	30.1	31.4	28.9	26.4	24.0	18.5	19.4
8	16.0	19.4	19.1	24.8	29.1	28.6	30.7	29.1	28.1	24.7	18.6	19.3
9	16.3	20.0	20.4	27.0	30.1	29.6	30.5	28.8	28.6	25.3	18.8	17.5
10	15.4	21.2	22.9	27.8	31.7	29.8	30.1	29.0	29.7	23.6	18.3	18.0
11	12.8	17.2	23.3	28.1	31.0	28.0	30.8	27.2	27.9	24.7	20.4	20.7
12	16.2	14.0	24.8	20.7	31.0	27.8	31.1	28.0	26.4	23.2	22.0	21.6
13	18.7	16.6	25.0	16.2	30.0	24.6	30.8	27.7	26.6	25.0	23.5	20.5
14	20.7	19.6	23.7	17.2	24.9	23.8	31.4	27.0	28.0	25.0	23.3	18.3
15	17.1	19.7	24.0	19.9	23.0	26.7	29.3	27.6	28.5	23.7	20.7	16.6
16	14.2	17.8	18.4	23.1	23.2	25.9	29.0	26.7	28.8	25.2	15.9	17.4
17	14.2	19.4	18.2	24.9	24.2	26.7	29.7	25.4	29.2	25.3	15.7	19.2
18	14.4	22.4	17.0	25.6	26.2	29.3	29.5	24.2	28.4	24.8	17.6	20.6
19	12.6	23.2	16.7	26.0	26.7	29.3	30.0	25.0	27.7	23.8	19.3	19.8
20	12.6	22.7	17.7	26.1	21.8	29.0	30.0	26.6	27.1	21.7	20.0	19.1
21	14.3	23.2	20.2	25.7	22.5	27.8	29.7	28.1	25.5	21.6	19.0	20.1
22	17.7	23.0	18.2	26.1	25.5	25.9	30.0	28.6	26.8	23.2	19.4	21.2
23	18.8	23.3	16.6	25.4	26.8	25.9	29.6	26.9	27.2	23.9	18.2	23.4
24	18.2	24.0	17.4	25.8	28.0	28.4	29.6	26.0	26.2	24.8	19.4	23.0

25	16.6	24.3	17.4	24.6	28.1	29.2	27.4	26.5	25.3	23.6	21.0	19.8
26	17.8	24.3	17.2	25.6	29.6	30.2	26.8	26.4	26.0	25.0	21.8	16.3
27	20.6	23.7	19.3	22.5	30.5	29.3	27.6	27.6	24.5	19.3	22.7	16.8
28	21.4	22.3	21.5	22.8	30.2	26.9	28.6	29.1	24.4	16.6	21.4	16.8
29	18.8	-99.0	22.3	25.5	29.2	28.2	29.7	29.6	21.7	18.4	19.9	16.7
30	16.6	-99.0	24.6	28.4	29.6	28.6	29.7	31.0	17.8	16.2	15.4	16.4
31	13.8	-99.0	25.2	-99.0	29.2	-99.0	28.6	29.8	-99.0	15.3	-99.0	15.6

1971

1	15.4	11.4	25.8	25.0	26.5	29.0	29.3	30.0	25.8	26.5	20.6	16.0
2	15.7	12.2	26.1	26.2	25.8	29.2	29.3	30.0	26.6	26.6	22.0	17.2
3	13.2	11.9	22.7	26.8	26.1	28.7	29.6	30.8	27.5	26.4	23.5	16.4
4	12.2	13.0	22.9	24.8	26.4	29.8	28.3	31.0	28.1	26.2	24.2	18.2
5	13.2	13.8	23.0	24.2	24.6	30.6	26.6	30.3	28.3	24.6	23.6	20.0
6	13.2	13.2	23.4	25.4	20.9	30.2	25.2	28.8	29.2	23.0	23.7	20.6
7	14.4	11.9	24.1	25.2	21.6	28.0	24.4	28.6	28.8	22.3	21.8	21.6
8	13.1	12.1	20.5	24.4	23.7	28.1	28.0	28.1	28.2	21.1	22.8	19.8
9	15.4	13.7	16.6	23.4	25.6	28.5	28.5	27.4	28.9	18.5	21.6	16.2
10	15.4	16.6	17.3	21.6	28.7	29.0	28.6	28.3	29.2	19.2	21.2	16.5
11	14.5	18.9	19.2	22.6	29.0	30.0	26.5	28.2	31.4	21.7	21.4	17.6
12	17.1	20.4	17.3	23.6	25.6	30.1	24.7	28.3	30.0	21.0	20.6	17.5
13	18.3	20.9	18.2	24.3	26.2	27.6	23.7	27.2	27.8	20.6	21.1	18.4
14	19.1	19.8	17.6	23.6	28.2	27.2	25.8	26.8	26.3	19.6	17.4	18.7
15	19.6	15.3	15.2	23.8	26.8	26.1	26.7	28.0	26.4	20.3	16.4	18.4
16	20.7	15.3	17.3	24.2	29.6	25.4	25.6	28.2	25.6	19.4	15.6	18.0
17	21.4	16.8	18.9	24.2	30.1	26.5	24.0	27.8	26.0	22.0	15.7	17.4
18	21.0	18.6	19.2	23.6	29.8	28.9	24.0	26.2	25.0	22.0	16.5	18.1
19	21.3	20.9	19.8	24.0	28.4	29.7	27.2	26.6	24.0	22.2	17.3	17.4
20	20.8	22.0	21.1	24.7	25.5	26.3	29.3	25.0	22.6	23.8	17.4	16.0
21	19.7	22.4	23.5	25.1	25.8	27.9	29.8	24.8	21.5	24.2	16.8	15.7
22	15.8	22.6	22.4	25.8	27.9	27.2	30.0	25.8	22.4	24.0	17.9	16.4
23	16.2	22.9	19.6	26.3	29.0	27.2	29.5	25.5	23.7	24.7	18.0	18.6
24	17.0	22.4	18.2	27.6	27.5	27.9	28.3	26.6	24.1	23.5	17.8	20.8
25	15.2	23.2	18.9	26.7	23.8	28.0	28.6	26.8	25.1	22.4	16.8	22.6
26	13.3	23.9	21.3	26.1	26.6	28.7	29.0	26.2	24.0	20.2	17.8	20.5
27	14.2	24.4	21.8	26.9	27.2	28.8	29.0	26.7	25.2	17.9	19.2	16.8
28	15.7	24.5	22.9	25.6	28.4	26.9	27.6	25.5	25.6	18.2	19.8	14.8
29	13.9	-99.0	24.5	26.9	26.7	28.6	27.1	26.4	26.2	17.3	20.3	14.7
30	10.8	-99.0	24.9	26.6	27.6	28.9	28.2	26.4	24.3	19.0	15.9	15.2
31	10.4	-99.0	26.3	-99.0	27.2	-99.0	29.3	25.3	-99.0	20.0	-99.0	16.3

1972

1	15.2	22.4	14.2	20.9	30.4	24.9	25.4	29.4	26.6	26.2	24.6	15.6
2	15.8	21.9	13.7	21.0	27.1	24.8	27.6	27.7	26.4	24.2	24.7	17.0
3	17.8	23.9	14.4	21.7	28.5	26.4	28.9	28.0	25.7	23.7	25.1	16.9
4	18.7	22.2	14.6	20.6	29.2	24.4	29.8	26.8	24.8	20.3	24.7	17.4
5	18.6	20.3	15.8	21.6	29.5	26.6	29.0	26.6	25.8	22.4	23.8	18.9
6	17.2	19.1	18.0	24.7	29.0	26.7	26.0	25.6	24.4	24.2	23.2	19.9
7	14.4	17.6	20.4	24.4	29.4	27.0	26.9	26.8	25.1	24.8	20.6	20.6
8	14.0	15.6	21.7	20.0	28.0	28.7	27.8	28.7	25.2	25.6	21.5	19.8
9	13.6	10.5	21.3	18.7	-99.0	26.8	29.4	29.4	24.8	26.8	22.6	20.8
10	13.6	9.9	22.1	17.5	30.6	26.4	31.1	28.1	25.3	26.8	21.5	20.9
11	15.2	12.4	22.2	17.6	29.0	28.1	30.4	27.8	24.4	24.4	21.0	23.1
12	15.0	16.8	18.5	20.3	30.0	29.4	30.2	25.9	25.9	25.6	22.2	21.2
13	15.3	19.2	17.6	22.5	30.2	30.2	29.6	27.4	26.1	25.4	22.8	14.2
14	14.6	20.8	20.7	25.2	28.9	30.8	30.0	27.3	26.2	26.4	23.5	11.8
15	13.2	22.0	21.9	25.5	29.0	31.3	27.6	27.3	25.4	25.2	24.5	14.0
16	14.0	21.8	22.4	26.8	28.0	31.5	25.6	27.3	25.6	25.6	23.5	16.1
17	15.4	22.0	23.4	27.2	28.9	31.9	24.6	28.4	26.1	26.2	19.6	18.1
18	16.9	21.1	23.4	27.1	29.2	30.1	27.8	28.2	26.8	25.6	18.9	21.0
19	17.9	21.4	24.0	26.6	29.0	28.6	29.4	29.1	26.6	26.8	20.2	20.9
20	18.0	21.2	22.7	27.2	27.4	29.1	29.4	27.9	27.6	27.2	21.0	21.4
21	17.8	21.7	22.2	26.2	28.6	30.0	29.3	27.6	27.3	26.8	19.4	22.3
22	18.1	21.9	23.8	26.1	30.5	31.2	29.5	27.8	26.0	23.7	19.9	22.1
23	18.1	21.4	24.9	24.2	30.5	30.2	29.6	26.4	27.2	20.6	20.4	21.9
24	19.4	21.1	24.8	22.5	30.0	29.6	30.5	26.2	25.8	21.6	19.8	21.3
25	19.8	24.6	24.0	19.7	30.2	29.1	30.1	27.0	21.7	22.4	19.8	22.4
26	19.0	20.0	20.0	20.3	27.4	28.3	30.2	28.3	22.8	23.6	20.3	22.8
27	17.5	15.4	20.9	22.5	29.2	29.2	27.8	27.4	25.7	24.6	17.8	23.3
28	17.6	13.2	21.2	24.0	28.8	30.8	26.0	25.2	26.0	23.3	17.6	23.0
29	19.2	13.3	22.5	27.0	28.1	28.3	23.4	25.7	24.8	23.7	17.6	18.7
30	21.7	-99.0	22.4	28.2	25.9	27.1	26.6	27.4	25.3	24.4	17.1	16.1
31	22.1	-99.0	22.2	-99.0	24.2	-99.0	28.6	25.8	-99.0	24.3	-99.0	16.4

1973

1	18.2	19.4	24.3	27.5	29.0	30.2	29.8	28.8	24.4	26.0	21.0	16.9
2	14.4	20.2	23.8	27.8	29.3	30.3	30.4	28.8	25.6	25.8	20.8	17.7
3	13.4	20.4	23.3	27.6	28.5	31.7	30.2	27.2	26.0	26.1	20.4	18.5
4	14.4	22.5	23.0	22.5	24.5	28.8	29.5	27.0	27.6	26.8	21.1	19.6
5	15.0	23.4	23.8	21.0	27.1	29.1	26.4	26.4	28.2	26.7	21.7	19.7

6	15.5	23.3	22.8	24.3	27.6	25.2	25.2	26.2	28.0	26.8	19.7	18.4
7	15.2	22.8	23.0	27.8	29.2	26.6	25.6	25.8	27.8	25.0	19.7	17.8
8	16.2	21.2	23.8	29.6	30.8	28.0	24.7	26.1	27.8	23.1	21.7	16.8
9	17.7	19.6	25.0	30.5	28.2	28.8	27.9	26.5	26.8	21.1	23.3	18.0
10	19.1	21.5	25.8	28.7	25.6	29.8	26.2	27.0	26.1	22.6	23.7	19.2
11	16.8	22.8	25.5	29.3	28.4	30.1	26.4	25.6	26.8	21.8	22.9	20.8
12	16.1	22.4	25.0	23.9	28.0	29.2	25.8	26.6	25.7	22.2	18.3	20.7
13	17.8	21.8	25.5	24.6	31.2	30.8	25.9	28.9	24.8	22.2	16.4	19.2
14	19.8	18.3	24.3	25.6	31.0	30.2	27.0	30.2	24.7	20.3	18.2	18.2
15	22.4	16.5	23.1	27.0	30.6	30.2	28.1	30.5	27.4	19.5	20.3	18.8
16	22.7	20.4	19.2	27.2	30.8	29.6	28.0	31.0	25.9	19.2	19.2	18.4
17	19.8	22.6	19.3	27.3	31.5	31.0	28.2	31.4	25.8	20.7	19.6	16.4
18	17.0	24.0	19.1	22.3	31.0	31.2	30.5	29.9	24.8	22.0	19.8	16.3
19	17.8	24.2	21.0	22.7	32.1	31.3	31.7	28.4	24.8	23.5	20.4	17.0
20	18.6	21.3	23.8	24.0	32.6	31.3	32.2	28.6	23.9	24.6	20.2	17.8
21	20.1	21.0	23.9	26.2	30.2	32.6	32.2	28.1	24.8	23.2	19.6	19.0
22	23.1	24.0	24.6	27.0	28.9	33.6	31.2	25.7	24.9	22.0	17.9	18.3
23	21.8	24.8	23.6	27.9	28.1	32.6	31.3	27.5	24.7	23.2	19.0	15.6
24	19.2	23.8	22.3	27.7	28.6	31.6	29.5	25.8	23.8	22.5	17.7	16.2
25	20.6	25.5	21.2	25.1	28.2	31.5	29.3	26.6	25.1	21.4	17.8	15.5
26	21.5	26.6	20.3	26.3	29.8	32.4	29.5	28.3	25.2	22.5	17.3	14.0
27	21.8	26.3	20.0	27.5	30.0	32.7	30.4	28.4	24.3	19.9	16.6	13.2
28	19.6	26.4	22.4	27.6	29.8	30.5	30.0	26.6	25.2	21.1	17.0	13.6
29	16.6	-99.0	24.5	28.7	26.0	29.6	28.9	27.3	25.6	20.5	17.2	13.2
30	15.0	-99.0	26.2	28.7	28.8	29.7	29.1	28.2	26.3	20.8	17.6	13.7
31	17.1	-99.0	26.4	-99.0	30.3	-99.0	30.0	27.6	-99.0	20.9	-99.0	11.4
1974												
1	11.7	16.9	15.4	22.5	29.7	26.6	30.4	28.2	29.0	28.0	21.4	21.3
2	12.5	14.7	16.7	16.4	28.2	29.1	30.1	27.2	29.6	28.1	19.9	23.4
3	13.4	14.5	17.5	17.9	27.2	29.0	31.0	28.0	30.2	27.4	21.3	23.9
4	12.4	19.0	20.0	20.6	27.6	29.7	30.7	27.2	29.7	27.1	22.6	23.9
5	13.6	18.7	22.4	22.6	28.6	29.5	30.3	27.6	29.8	26.0	25.4	23.4
6	15.6	16.8	22.4	24.8	29.9	26.0	29.8	27.0	28.3	25.0	24.8	22.2
7	17.0	11.4	22.4	26.2	29.4	25.2	29.7	27.3	26.8	25.5	24.6	18.5
8	16.2	10.0	22.5	27.0	29.8	27.4	30.1	27.8	26.8	24.6	24.9	21.6
9	18.8	11.6	22.6	24.1	28.8	29.6	31.0	29.7	27.1	24.3	26.2	22.5
10	19.6	12.1	21.6	23.7	23.7	27.8	31.9	31.4	26.9	24.1	24.1	22.2
11	20.2	12.6	17.6	23.6	24.6	27.1	31.5	29.8	26.7	22.6	22.4	20.7
12	18.9	13.6	17.3	22.7	26.0	26.6	32.0	28.4	26.7	23.3	22.2	19.8
13	19.0	14.8	17.3	23.0	26.8	25.9	30.6	28.0	26.8	22.8	21.2	17.8
14	19.9	17.3	17.4	22.2	26.8	25.3	29.4	25.0	27.1	21.0	20.6	15.6
15	20.3	17.1	17.5	22.9	25.8	26.9	29.4	24.6	25.8	21.5	18.3	14.7
16	20.4	19.3	17.8	23.4	26.7	28.3	31.4	25.3	24.7	22.2	18.1	17.3
17	21.0	20.8	16.3	23.6	27.0	30.3	31.4	27.3	24.0	22.9	18.3	18.7
18	21.0	21.6	15.8	25.5	28.2	30.6	30.3	26.9	24.8	24.6	15.2	18.8
19	20.9	22.1	16.1	26.0	28.2	31.0	28.0	25.6	25.0	24.0	16.6	16.4
20	21.1	22.5	16.3	28.3	27.4	28.9	27.2	26.8	26.1	21.7	17.4	14.2
21	21.8	22.6	17.3	23.8	26.7	29.2	27.8	28.6	26.1	20.6	18.2	12.9
22	20.0	25.8	17.6	21.0	27.3	29.3	27.6	31.0	24.8	20.8	19.8	15.2
23	21.6	25.6	19.0	21.5	25.3	29.5	28.4	29.8	24.6	20.5	20.6	16.1
24	21.8	22.8	21.4	23.1	26.8	29.5	30.0	29.9	24.8	20.7	18.9	16.8
25	21.8	14.6	24.6	23.7	26.9	30.7	29.4	27.0	25.2	22.2	19.3	16.2
26	16.8	11.6	22.8	25.2	27.0	29.8	29.8	26.2	26.3	22.1	20.8	16.4
27	16.2	12.8	14.8	26.8	26.9	29.3	29.0	25.2	26.6	24.2	19.2	17.2
28	19.2	14.2	16.0	26.8	28.6	29.8	28.4	26.6	27.2	24.0	19.2	18.1
29	21.7	-99.0	18.8	24.4	31.0	29.7	27.7	26.9	27.5	23.7	18.8	19.1
30	22.0	-99.0	22.1	26.8	29.0	29.3	27.8	27.0	27.7	22.8	20.3	19.9
31	20.9	-99.0	22.0	-99.0	23.7	-99.0	28.4	28.0	-99.0	22.3	-99.0	20.4
1975												
1	20.7	21.4	21.0	19.6	29.4	24.8	31.0	30.1	27.2	24.8	18.8	19.4
2	19.7	22.7	23.2	18.2	28.3	26.9	31.5	28.7	26.8	24.8	20.3	19.5
3	17.2	23.6	24.5	17.8	28.2	28.6	32.3	28.4	26.0	24.9	20.0	22.1
4	16.3	24.2	25.4	21.2	27.8	28.8	30.7	28.3	25.2	25.8	22.1	24.1
5	15.2	23.5	23.3	23.4	27.2	29.7	30.5	30.2	26.1	25.9	20.7	23.8
6	14.4	24.1	24.0	25.8	27.0	30.1	30.1	30.7	26.1	27.5	19.2	23.4
7	16.0	22.7	23.4	28.2	28.1	30.0	29.8	30.5	25.2	25.6	19.4	24.3
8	17.0	21.2	23.4	25.2	29.2	30.5	30.4	30.9	25.2	24.7	21.0	23.7
9	18.4	17.4	24.5	26.6	29.2	30.6	29.4	30.1	24.8	24.5	23.1	21.8
10	17.4	16.5	23.7	28.2	30.5	29.6	28.2	26.2	25.6	25.2	23.8	18.0
11	15.8	15.9	24.2	27.8	26.5	29.6	27.2	24.2	26.0	24.6	24.6	13.2
12	14.4	17.2	24.2	24.5	27.9	28.8	27.8	26.2	25.8	26.1	24.6	10.9
13	15.2	18.7	27.2	25.5	28.6	28.4	27.2	27.5	25.5	24.9	21.6	10.4
14	17.4	20.1	23.4	25.8	25.6	27.2	27.2	26.3	26.4	24.9	18.6	7.9
15	19.0	22.0	17.6	25.7	28.6	27.2	28.1	28.8	27.2	20.8	17.4	8.4
16	18.5	18.4	16.7	26.8	29.9	27.4	28.0	29.2	26.6	19.3	18.7	10.2
17	17.5	17.8	17.6	26.7	30.6	23.6	28.0	27.8	26.3	18.1	20.9	11.8
18	16.9	17.3	20.0	25.2	29.7	24.4	28.0	29.4	25.3	18.3	22.4	11.3

19	15.5	16.2	21.6	26.8	30.2	26.2	27.2	28.4	26.6	20.8	22.0	14.1
20	16.4	15.2	20.8	26.0	30.2	27.7	26.6	28.6	24.8	21.6	21.7	15.2
21	18.2	16.0	22.0	26.6	30.2	27.6	26.6	27.8	26.3	21.6	21.4	14.5
22	15.9	16.6	24.7	26.7	29.9	28.7	27.9	29.0	25.1	21.5	20.6	12.0
23	17.6	17.3	22.6	26.8	26.4	29.9	28.7	27.7	26.6	21.8	19.1	12.6
24	20.7	19.6	22.6	27.2	27.7	30.5	29.7	28.0	27.0	22.9	15.9	13.1
25	20.2	22.3	24.7	28.5	29.6	28.6	29.4	25.5	27.4	22.2	14.8	14.5
26	19.4	22.6	25.0	29.5	28.4	27.6	29.6	25.5	27.2	23.1	15.0	15.3
27	18.7	21.3	25.0	30.9	28.3	29.2	29.5	25.0	26.8	23.7	15.0	16.2
28	18.1	21.4	25.4	30.8	29.0	30.4	31.0	24.9	26.6	23.9	16.7	14.2
29	16.6	-99.0	24.4	28.0	28.9	30.2	30.5	23.8	26.7	24.2	18.5	11.2
30	19.3	-99.0	22.3	28.2	25.4	30.4	31.2	24.2	25.0	18.8	20.2	10.9
31	20.1	-99.0	21.0	-99.0	24.8	-99.0	32.0	26.1	-99.0	18.1	-99.0	12.8

1976

1	14.6	14.5	15.6	18.4	25.6	28.2	28.2	26.4	28.3	24.4	23.9	18.9
2	17.1	15.7	12.8	21.2	27.3	22.3	27.5	28.2	27.0	23.1	23.4	19.1
3	17.0	18.4	12.3	21.1	27.6	22.0	27.0	28.1	27.4	22.9	24.4	20.4
4	18.6	17.5	13.3	19.7	27.2	25.7	28.0	28.6	27.8	22.2	24.1	21.4
5	18.6	18.2	15.4	20.8	20.2	27.3	29.2	26.9	25.4	22.8	24.0	19.9
6	16.9	16.2	17.0	20.8	19.8	28.1	29.3	29.0	26.6	23.3	22.8	19.7
7	16.4	18.9	19.5	22.6	21.1	28.6	30.6	29.3	27.9	25.4	22.1	19.8
8	17.3	19.2	21.7	23.7	24.4	29.6	30.7	28.7	29.3	25.7	21.8	19.4
9	16.4	17.3	22.0	23.8	26.1	30.6	31.0	29.2	31.1	26.0	23.0	14.0
10	15.6	17.9	22.7	23.4	28.0	26.1	32.0	29.9	29.7	24.6	24.1	14.3
11	13.3	20.2	22.8	24.0	25.4	25.9	31.4	29.4	27.2	24.9	23.4	16.0
12	13.0	20.9	22.1	27.0	23.4	28.2	31.0	27.4	24.7	24.1	21.0	17.6
13	13.4	21.0	22.3	22.7	24.0	29.2	28.4	28.1	25.5	24.4	20.7	16.8
14	13.4	20.8	22.6	21.4	26.0	31.3	26.4	28.4	25.4	21.7	16.2	16.5
15	14.7	21.9	23.6	23.4	27.7	31.0	27.0	27.6	26.4	20.1	15.8	18.3
16	16.6	23.0	24.7	27.9	27.0	32.7	27.0	25.7	26.6	22.2	16.7	19.4
17	16.9	23.1	26.1	30.0	27.8	32.8	27.6	25.1	26.3	24.0	14.7	20.2
18	17.0	22.8	25.8	29.0	28.6	30.7	28.5	26.6	27.3	24.8	14.5	20.4
19	17.3	22.4	21.2	27.4	28.1	29.7	29.5	27.1	28.3	25.7	16.7	21.5
20	17.1	20.2	16.8	25.8	28.9	28.1	29.5	27.6	28.1	24.7	14.9	21.8
21	17.9	21.1	16.8	24.4	27.8	28.4	27.8	27.4	26.5	25.9	14.1	22.4
22	19.1	21.0	18.0	24.8	27.6	28.5	27.7	25.0	25.6	28.4	14.6	22.1
23	15.8	17.8	18.6	24.0	28.0	28.0	28.3	26.4	23.3	29.3	15.7	22.6
24	14.6	18.6	18.2	18.4	28.2	29.4	29.5	28.2	24.0	26.8	14.8	23.4
25	15.4	16.8	19.3	20.5	30.4	28.9	30.5	29.8	23.3	23.0	15.1	22.8
26	17.4	18.3	20.8	24.3	30.4	28.2	29.6	28.7	24.8	21.0	14.6	20.8
27	18.8	24.4	22.1	25.3	31.0	28.8	28.6	26.1	25.2	23.6	14.2	17.0
28	18.0	23.8	24.6	24.8	30.5	30.5	28.3	25.0	25.2	25.4	15.2	14.8
29	18.3	18.6	25.0	25.7	30.0	31.3	28.0	25.5	25.8	24.5	15.4	12.2
30	16.6	-99.0	23.4	26.4	30.5	30.0	25.9	24.5	27.3	23.7	17.2	12.8
31	14.2	-99.0	20.6	-99.0	30.2	-99.0	26.8	27.4	-99.0	23.2	-99.0	13.9

1977

1	13.7	13.5	23.8	19.2	26.4	30.0	30.5	31.8	26.7	25.5	24.1	14.8
2	14.3	12.2	21.2	19.3	26.1	30.4	31.4	31.5	25.9	25.2	20.3	15.4
3	13.6	10.8	18.3	20.6	26.7	29.9	31.6	31.2	25.8	26.4	20.0	16.4
4	11.6	11.2	15.7	22.0	26.6	30.0	30.6	31.3	25.0	26.6	19.7	17.4
5	12.0	12.5	13.5	23.1	25.6	30.4	29.2	29.6	26.1	26.8	21.7	17.4
6	13.6	14.0	15.0	24.0	26.6	31.6	29.6	28.6	26.6	26.4	23.1	16.4
7	15.6	14.0	15.5	25.2	27.1	31.3	30.2	27.2	25.6	24.6	23.1	19.4
8	16.1	14.0	18.2	23.8	25.6	31.2	30.9	29.0	26.5	21.1	23.3	18.1
9	15.7	12.7	20.3	23.6	26.2	31.4	31.4	30.2	26.7	21.1	22.1	18.0
10	13.8	12.8	20.3	22.4	26.3	31.0	33.2	31.6	27.4	22.4	20.0	19.1
11	15.2	12.5	21.3	22.2	27.3	29.6	33.5	31.4	27.3	22.0	19.9	18.5
12	16.9	15.5	21.2	22.6	26.6	28.3	32.0	31.0	26.6	22.2	17.6	20.2
13	15.0	17.3	20.7	25.6	27.8	29.6	31.6	32.0	25.8	23.0	17.7	19.3
14	13.4	18.3	21.2	26.6	28.6	29.8	30.0	32.7	26.1	25.0	18.8	19.8
15	13.5	15.0	22.5	27.5	29.3	32.0	27.2	33.2	26.2	25.4	17.3	20.3
16	17.2	13.0	22.4	25.8	30.6	33.7	26.1	27.6	26.3	23.0	16.9	21.4
17	18.8	11.4	22.6	27.5	31.8	33.2	27.3	25.8	26.8	23.1	16.5	20.8
18	17.8	12.9	22.3	23.5	30.8	31.6	28.4	24.9	27.0	24.3	17.4	21.5
19	17.7	14.7	22.0	19.7	30.2	31.8	28.6	25.3	25.6	24.8	18.7	22.7
20	17.3	17.7	21.8	21.6	29.9	31.8	28.1	26.4	26.9	23.5	19.2	21.8
21	17.4	14.2	22.0	23.3	29.0	32.2	26.2	26.8	24.2	22.6	18.4	22.0
22	17.8	12.0	21.2	25.2	25.1	32.1	27.8	26.8	23.5	24.0	19.8	22.2
23	14.9	13.5	21.6	25.1	24.6	31.5	27.8	26.7	22.4	23.2	20.1	22.7
24	16.3	16.7	16.4	25.4	27.6	31.8	29.8	26.2	24.8	23.0	21.2	22.9
25	18.4	18.6	15.7	25.7	28.4	31.8	31.4	26.6	25.8	24.2	22.1	22.0
26	19.6	20.5	18.9	26.8	27.4	32.1	30.8	27.6	24.1	24.3	22.6	17.8
27	20.9	20.9	21.6	29.0	28.4	32.3	31.3	28.1	24.4	24.6	20.4	17.7
28	20.8	22.1	22.4	27.5	29.5	32.1	30.9	28.8	23.9	25.3	18.0	20.8
29	21.6	-99.0	23.7	27.2	31.5	30.9	29.8	27.7	24.8	24.4	17.1	22.9
30	15.6	-99.0	21.9	26.8	31.5	31.4	30.2	26.6	25.6	24.6	16.3	24.0
31	13.4	-99.0	19.4	-99.0	31.8	-99.0	31.0	27.0	-99.0	24.6	-99.0	25.4

## 1978

1	23.7	15.7	20.3	27.4	26.2	31.1	25.8	31.4	25.7	25.9	18.9	17.2
2	16.6	14.0	22.6	23.2	26.0	29.6	26.9	31.8	26.3	26.8	19.3	16.7
3	13.7	15.8	23.9	19.8	26.0	27.0	27.3	29.2	26.0	27.4	20.9	19.0
4	13.4	19.8	22.9	21.9	26.9	26.0	27.6	29.9	27.0	26.9	19.8	19.3
5	10.7	20.9	22.8	24.2	25.2	27.4	27.2	30.8	28.4	26.0	20.4	19.0
6	13.0	21.9	23.2	24.1	24.7	27.4	26.8	30.5	28.8	24.8	22.6	18.6
7	15.4	23.0	23.8	25.4	26.0	28.8	27.3	29.0	27.3	24.6	20.8	19.4
8	18.2	22.5	25.0	26.0	26.7	29.1	28.4	28.9	26.7	24.8	22.0	20.4
9	19.0	23.6	24.0	23.1	27.4	29.4	25.6	27.5	26.8	22.9	23.6	22.8
10	17.4	23.5	21.5	22.0	26.4	28.6	26.2	25.0	24.7	22.2	22.1	22.2
11	14.8	22.8	21.6	23.6	21.4	28.1	26.9	24.4	23.8	22.8	20.4	18.7
12	18.8	22.8	22.3	24.6	21.4	29.8	28.0	25.5	25.4	22.2	21.4	17.4
13	21.1	18.7	21.0	25.2	23.8	31.0	29.3	26.3	24.4	22.9	19.7	18.7
14	21.8	17.8	18.8	24.1	25.3	30.6	28.9	28.1	24.7	21.8	20.3	18.8
15	23.2	16.0	17.6	26.0	26.5	28.4	29.1	26.3	23.4	21.4	20.6	16.8
16	21.4	13.2	18.6	24.2	27.0	28.6	30.6	26.6	24.8	22.6	21.6	15.8
17	17.2	12.3	20.6	22.8	27.5	27.4	30.5	26.6	24.2	22.2	22.7	17.8
18	13.1	12.6	22.2	21.6	28.8	26.1	30.4	27.1	25.2	22.3	23.5	18.1
19	11.4	13.6	22.9	24.7	28.1	27.0	29.1	28.0	25.8	22.9	22.0	18.4
20	12.8	14.6	24.7	26.7	29.4	27.6	27.6	30.5	25.4	23.2	20.9	20.4
21	12.8	15.3	26.5	27.4	29.8	27.5	27.0	26.4	25.2	23.9	21.4	19.9
22	14.5	15.0	22.2	24.8	29.2	28.3	28.5	26.5	25.2	23.8	22.2	19.6
23	16.8	15.3	18.0	26.0	30.6	30.0	28.2	27.4	24.6	22.9	22.7	19.7
24	18.5	15.7	17.1	25.8	29.0	30.5	28.0	26.5	24.4	23.1	21.7	18.9
25	20.1	16.2	17.8	27.4	29.5	31.4	28.6	27.0	23.8	23.9	21.3	19.4
26	20.7	16.2	20.4	27.7	30.8	29.0	29.7	28.5	23.2	25.0	21.1	21.7
27	22.1	17.4	23.5	29.2	29.7	27.0	29.8	29.0	24.7	24.3	19.3	23.0
28	22.5	18.5	24.0	30.7	29.9	28.4	29.9	28.9	22.9	20.1	18.0	21.1
29	20.8	-99.0	25.0	27.8	29.4	28.6	28.9	28.2	24.2	18.2	15.9	20.9
30	18.7	-99.0	27.1	25.0	30.6	28.8	29.0	26.4	24.4	18.4	16.5	21.1
31	17.6	-99.0	27.2	-99.0	30.8	-99.0	30.7	27.2	-99.0	18.6	-99.0	20.2

## 1979

1	20.7	12.0	17.6	28.7	27.2	29.5	30.8	29.7	27.0	23.6	21.0	16.4
2	22.9	14.6	18.8	26.3	24.3	28.8	30.8	29.0	25.8	23.9	21.3	16.0
3	21.1	16.9	19.4	20.6	24.0	27.6	28.9	29.8	28.4	23.6	22.6	17.8
4	19.9	17.2	21.4	17.7	26.0	29.8	29.8	27.9	28.4	23.1	23.6	19.1
5	21.9	17.3	22.4	19.8	28.8	28.6	31.2	25.6	29.0	21.6	23.7	22.0
6	21.8	16.0	24.0	24.3	29.1	28.8	30.6	25.8	28.1	22.4	22.7	22.0
7	19.2	18.1	26.0	25.6	29.4	27.4	29.7	26.2	27.9	22.3	21.8	20.0
8	17.5	20.6	26.5	24.3	28.2	27.6	31.2	24.6	26.6	22.1	21.8	20.5
9	19.1	22.0	25.8	23.6	27.3	28.3	30.6	25.1	27.3	22.7	22.4	19.1
10	22.1	21.2	25.8	23.8	27.4	29.5	29.8	25.4	27.9	22.1	22.6	19.4
11	23.0	22.0	26.6	24.0	28.0	26.2	30.0	26.4	26.8	22.3	22.2	18.9
12	23.2	22.4	26.7	26.8	30.1	25.4	30.0	29.3	27.4	23.0	24.3	18.8
13	21.8	22.8	26.2	24.6	32.1	23.8	31.1	30.8	27.9	23.7	21.0	18.8
14	22.0	22.6	22.0	22.2	33.0	25.8	31.2	30.6	27.4	23.9	17.0	18.0
15	19.4	21.7	19.6	24.7	29.7	27.3	32.5	31.4	26.9	24.2	18.5	17.6
16	16.8	20.6	22.3	26.2	23.6	28.4	31.3	29.7	25.4	23.0	20.2	18.0
17	20.7	21.3	20.6	27.2	23.5	27.9	31.5	29.3	26.1	22.8	21.4	18.4
18	21.2	21.6	20.2	28.3	21.3	27.5	30.7	29.2	25.1	23.1	18.0	19.6
19	18.7	22.0	22.4	26.0	21.2	27.0	32.2	30.0	24.7	22.0	15.4	20.2
20	19.4	25.3	20.2	24.8	21.9	26.6	31.6	30.7	24.8	23.3	18.1	21.9
21	19.1	28.3	20.2	24.0	23.7	26.5	31.2	31.0	24.0	24.2	18.9	22.8
22	18.4	26.7	22.8	25.8	25.9	25.6	30.2	31.5	24.7	22.6	17.8	22.6
23	19.4	25.6	21.6	26.9	26.8	27.1	28.9	30.8	26.1	21.9	14.4	22.0
24	19.1	26.4	20.1	28.2	25.8	27.7	28.4	27.8	24.4	23.4	16.0	19.5
25	18.0	26.6	21.0	27.6	27.4	27.0	29.9	28.4	23.2	25.1	16.1	18.2
26	17.8	21.8	20.8	25.8	29.4	28.0	29.0	28.5	23.2	22.7	17.4	16.6
27	19.8	18.8	21.8	26.3	31.6	28.5	28.1	30.5	23.8	20.7	17.2	16.7
28	23.2	18.7	24.9	27.2	32.0	29.8	28.6	28.5	24.7	21.8	16.3	17.5
29	23.0	-99.0	27.4	26.6	32.2	30.1	29.9	28.6	25.6	22.8	15.8	18.8
30	22.5	-99.0	27.9	26.5	29.5	30.3	31.9	28.0	24.8	22.2	17.8	20.9
31	15.8	-99.0	27.8	-99.0	29.0	-99.0	30.3	26.8	-99.0	22.7	-99.0	22.8

## 1980

1	23.5	13.4	25.4	21.1	28.4	29.4	27.8	29.7	25.8	23.8	23.0	22.9
2	23.2	15.0	24.9	18.3	29.1	25.7	29.1	28.4	25.8	24.6	23.0	21.7
3	23.2	16.8	24.2	22.1	30.1	26.6	31.4	29.2	25.9	24.8	20.6	22.2
4	21.2	18.3	26.1	24.7	29.8	26.7	31.7	31.3	27.5	24.8	20.3	22.4
5	19.4	15.6	26.4	26.2	27.0	27.9	30.7	32.0	25.2	24.8	21.2	22.6
6	18.6	14.6	26.2	26.4	27.5	28.4	31.0	31.2	25.7	23.8	23.8	23.9
7	17.2	14.6	28.0	26.8	29.3	29.4	30.4	30.3	26.6	24.9	24.0	24.2
8	16.3	12.7	25.5	26.7	28.2	29.1	30.8	30.5	25.8	25.8	24.0	22.5
9	16.8	10.5	22.4	26.7	24.0	29.1	30.6	30.0	26.1	25.7	23.0	20.2
10	18.6	11.5	21.4	23.3	25.6	28.0	31.6	30.4	26.4	25.4	23.0	17.2
11	21.2	12.2	23.2	25.8	28.8	26.9	31.4	31.0	25.7	26.3	23.0	20.8
12	22.5	12.8	22.4	28.2	30.2	28.4	31.5	31.0	25.9	25.6	21.4	17.6

13	22.6	13.6	23.2	28.8	31.1	29.3	31.4	30.3	26.3	25.9	21.2	17.0
14	18.5	14.3	23.2	21.0	30.8	28.8	30.2	29.1	26.7	26.2	22.2	17.8
15	15.4	14.8	23.0	20.4	29.8	29.0	30.4	29.4	25.4	24.7	22.7	18.4
16	16.8	16.3	21.2	19.8	28.2	29.5	29.8	29.3	26.7	26.2	22.2	18.5
17	17.2	17.1	23.5	21.5	25.1	28.0	29.2	28.4	24.0	26.2	21.7	19.0
18	17.0	18.0	25.1	22.2	26.4	28.2	28.9	27.0	23.4	26.4	19.7	20.3
19	17.8	20.2	25.8	26.4	26.3	27.8	28.5	26.7	25.4	24.6	20.1	17.9
20	18.4	21.4	25.3	28.4	25.0	27.7	28.8	27.8	26.2	23.1	20.9	14.5
21	19.4	21.9	25.6	29.1	25.8	26.8	28.3	28.0	26.0	23.5	21.7	14.1
22	16.7	22.2	23.8	31.0	27.2	27.7	28.1	26.6	24.7	25.4	21.8	14.5
23	18.6	21.8	25.0	30.6	28.0	26.6	27.9	28.2	25.6	26.5	21.7	15.0
24	19.8	22.2	25.0	30.2	28.6	26.4	27.9	28.7	24.8	25.1	22.2	16.0
25	20.5	23.4	24.4	29.3	30.6	27.8	25.8	29.2	24.1	21.6	22.1	18.4
26	21.6	24.4	23.1	24.4	26.4	26.4	25.6	28.4	23.4	20.4	22.5	19.5
27	22.8	20.2	18.8	26.6	23.6	26.5	28.6	27.5	24.1	19.8	23.2	18.6
28	24.0	19.3	21.6	29.0	26.6	29.2	29.0	28.8	24.2	18.0	22.3	16.9
29	22.3	22.7	24.4	29.3	30.9	29.5	29.4	28.5	24.0	18.7	22.2	15.5
30	18.2	-99.0	25.9	29.6	30.6	28.1	29.7	25.1	23.1	19.7	22.6	16.1
31	14.4	-99.0	25.9	-99.0	33.1	-99.0	29.9	25.7	-99.0	21.8	-99.0	16.9

1981

1	17.5	21.8	22.2	26.1	26.6	29.6	28.6	29.8	29.6	29.4	23.3	14.9
2	16.1	20.7	22.3	26.0	27.3	27.8	30.0	29.7	28.7	28.3	25.0	13.2
3	15.5	21.7	23.8	27.2	25.8	28.4	28.2	28.6	29.4	26.8	24.4	13.1
4	16.4	19.6	23.5	28.5	20.0	29.2	24.9	27.3	30.1	26.5	26.0	16.0
5	19.6	20.2	18.6	28.9	20.6	29.8	25.8	27.4	29.1	26.1	26.5	16.8
6	20.6	20.6	19.1	28.7	22.5	28.5	27.8	28.4	29.2	27.0	24.0	16.5
7	21.6	17.0	18.2	27.6	25.0	28.2	27.5	29.6	28.2	26.7	21.2	16.0
8	20.8	19.1	20.5	27.1	27.0	27.7	29.6	29.8	27.6	27.7	15.5	14.0
9	20.8	20.5	19.9	26.7	27.8	27.1	28.4	28.6	27.6	22.4	12.7	16.5
10	18.8	20.2	19.4	26.5	29.6	27.1	28.2	27.0	24.6	19.2	12.9	16.4
11	13.2	20.4	22.0	26.0	32.0	27.8	29.8	28.7	26.9	19.1	16.4	16.6
12	13.7	22.2	24.3	25.7	30.9	26.3	29.4	28.9	27.2	20.4	18.2	18.7
13	14.2	24.3	25.5	25.0	29.5	24.1	29.4	29.6	27.8	23.6	18.9	19.0
14	15.8	24.0	25.2	25.1	29.6	26.3	28.4	29.3	26.7	25.2	19.6	18.8
15	15.9	24.7	23.8	25.9	29.2	27.0	27.4	26.8	24.3	25.2	20.2	16.3
16	16.2	24.4	23.8	27.0	24.9	27.5	26.6	26.4	22.6	25.3	21.9	15.4
17	15.8	21.0	25.5	27.1	24.5	26.8	27.3	27.3	23.0	26.9	20.9	15.2
18	17.6	22.6	27.3	27.4	25.7	26.7	27.3	27.0	23.7	27.3	19.2	14.3
19	18.5	23.7	27.1	27.9	25.3	27.5	26.6	25.8	25.2	27.8	20.4	11.8
20	19.6	21.9	24.6	25.6	27.5	28.6	25.4	27.8	25.6	27.5	22.2	12.4
21	19.1	20.6	24.8	24.6	22.4	29.4	26.6	29.4	25.9	27.3	22.0	13.4
22	20.3	25.2	27.5	26.8	21.7	30.1	29.4	30.3	25.7	27.4	22.1	15.5
23	21.0	26.4	27.8	27.5	24.3	29.8	29.7	31.3	25.5	22.1	24.0	15.8
24	20.7	24.9	27.5	27.9	25.8	28.7	29.3	31.4	26.8	17.0	24.8	14.8
25	20.0	22.1	26.6	27.1	26.7	29.2	30.0	31.4	25.6	19.2	23.4	17.2
26	19.0	16.9	26.0	27.0	27.8	29.8	30.1	30.7	25.2	19.8	23.0	17.0
27	20.6	16.5	24.5	26.3	29.6	29.9	29.7	28.0	25.8	20.6	22.2	18.5
28	18.6	19.0	24.6	28.1	30.0	30.2	29.8	29.6	25.6	21.4	19.5	19.9
29	18.8	-99.0	25.3	26.8	29.9	30.1	29.0	29.5	26.9	20.0	17.1	19.6
30	21.1	-99.0	25.0	26.6	31.2	30.0	29.0	30.4	28.8	21.6	17.5	21.4
31	22.0	-99.0	26.0	-99.0	30.7	-99.0	28.9	30.3	-99.0	22.9	-99.0	22.1

1982

1	18.5	20.4	17.4	24.9	27.0	31.7	30.6	29.3	-99.0	26.6	25.0	18.1
2	20.2	21.2	18.4	25.3	25.3	31.0	30.4	30.8	-99.0	24.7	24.6	20.4
3	20.4	21.5	19.9	23.2	26.2	29.0	30.7	32.2	-99.0	25.8	23.2	22.6
4	21.4	22.4	22.6	18.0	27.0	26.2	29.9	30.0	-99.0	26.4	23.8	22.8
5	18.8	22.0	24.8	17.2	27.3	28.2	29.6	30.2	-99.0	25.6	24.0	24.6
6	18.2	22.0	26.5	19.4	28.0	27.9	30.0	28.5	-99.0	25.6	23.2	20.3
7	15.9	20.1	26.2	19.4	24.3	25.2	29.2	28.9	-99.0	25.8	22.6	15.8
8	15.4	17.4	23.0	19.9	26.9	25.9	29.7	29.4	-99.0	24.5	24.1	17.4
9	14.5	16.8	18.4	19.0	29.6	27.5	29.4	28.2	-99.0	25.7	22.2	20.0
10	16.5	15.6	19.7	18.7	32.1	25.9	30.2	27.8	-99.0	24.7	20.1	21.9
11	17.6	12.9	21.8	19.6	33.4	27.2	30.6	28.2	-99.0	23.6	19.3	20.8
12	19.4	13.1	22.2	22.4	33.4	28.4	30.8	28.9	-99.0	24.1	21.9	14.8
13	19.0	15.3	23.4	24.1	28.9	30.3	31.5	29.8	-99.0	24.3	23.5	14.4
14	19.2	14.0	24.0	22.1	21.7	30.9	29.8	27.8	-99.0	25.2	25.6	14.0
15	19.1	12.9	24.4	20.6	22.2	29.8	26.6	29.6	-99.0	25.4	24.8	16.2
16	18.9	12.6	24.6	22.6	24.3	30.3	27.6	30.2	-99.0	23.7	25.0	16.6
17	15.0	15.1	23.5	24.4	26.3	32.0	27.4	29.5	-99.0	22.7	22.7	12.9
18	12.8	19.6	24.2	23.5	27.0	32.6	29.0	29.8	-99.0	23.0	22.7	13.7
19	16.0	20.1	23.8	23.8	27.1	31.3	27.7	27.3	-99.0	23.6	23.0	13.3
20	17.0	21.8	24.0	25.2	27.0	31.2	29.0	26.9	-99.0	24.5	22.7	13.0
21	19.6	22.1	24.3	26.2	26.4	31.4	28.0	27.4	-99.0	24.8	24.4	13.9
22	19.4	23.0	24.1	27.5	26.6	31.5	29.5	28.9	-99.0	24.4	25.0	14.9
23	20.1	23.3	25.4	25.7	27.3	30.7	30.7	27.2	-99.0	24.6	24.8	16.9
24	20.0	21.6	25.5	25.8	27.4	27.7	31.5	27.2	-99.0	23.8	22.8	17.8
25	20.2	20.1	25.3	26.6	27.6	25.8	31.1	28.3	-99.0	23.6	21.8	18.6

26	19.9	19.6	24.9	27.2	27.6	26.6	30.4	29.0	-99.0	24.6	20.6	14.6
27	18.1	19.4	19.9	28.4	29.2	25.9	30.7	28.1	-99.0	25.8	21.2	12.5
28	19.0	18.3	18.1	30.0	28.0	27.3	31.5	29.6	-99.0	26.4	22.7	12.9
29	20.2	-99.0	18.9	28.9	28.4	26.4	31.2	29.3	-99.0	26.0	19.5	13.9
30	20.6	-99.0	19.8	30.5	30.6	28.8	30.6	29.0	-99.0	25.2	17.2	15.8
31	20.6	-99.0	22.4	-99.0	31.0	-99.0	28.4	28.3	-99.0	24.1	-99.0	17.1
1983												
1	18.6	23.2	21.2	18.3	23.3	32.2	32.0	25.8	26.6	26.7	20.0	16.0
2	18.8	21.8	21.3	18.0	24.5	32.2	32.6	26.8	26.8	25.8	22.0	17.2
3	17.9	19.2	21.8	19.8	25.8	33.0	32.6	28.0	26.3	24.3	23.2	17.7
4	18.0	17.5	18.6	20.6	26.2	33.5	33.1	27.8	26.7	26.2	22.8	16.6
5	17.2	17.3	14.3	20.4	25.8	34.0	32.6	25.7	27.2	27.6	22.3	17.3
6	17.3	17.9	13.7	22.4	26.2	25.5	32.0	25.6	27.8	28.0	21.8	18.5
7	19.5	18.7	14.7	24.5	26.7	23.7	32.5	26.2	27.8	27.4	24.2	17.6
8	18.3	17.9	15.8	26.9	27.6	24.8	31.6	25.7	27.4	24.2	24.3	18.1
9	16.4	19.0	18.0	28.5	27.8	26.4	30.0	26.6	28.5	23.2	24.2	15.9
10	15.7	20.4	18.0	27.2	28.9	28.1	27.1	26.7	30.4	24.0	24.3	18.5
11	14.8	19.8	19.8	29.6	30.3	28.8	29.5	26.8	28.8	24.3	24.3	18.9
12	13.7	16.4	21.0	27.8	31.7	29.5	29.8	28.0	26.8	24.4	24.3	19.1
13	13.2	15.2	19.4	29.0	31.5	27.4	29.7	28.8	25.5	24.3	21.6	19.4
14	13.7	15.9	18.6	28.2	31.4	28.8	31.4	28.8	27.0	24.7	20.1	19.2
15	15.6	19.0	21.0	28.2	30.2	30.6	31.4	28.6	27.4	23.6	19.7	20.8
16	17.0	18.5	19.0	23.6	26.8	32.3	28.1	27.9	28.8	25.0	18.3	21.8
17	18.2	17.4	16.0	21.6	24.6	33.7	28.0	28.9	29.7	25.4	19.8	21.8
18	19.0	17.0	16.0	24.0	26.5	33.5	27.0	29.0	29.9	25.4	20.0	20.7
19	16.8	19.0	17.9	25.1	29.6	33.5	28.8	27.2	27.9	25.3	19.0	20.8
20	11.9	19.4	23.3	25.4	32.8	33.9	29.8	27.0	26.6	26.0	20.1	22.4
21	11.0	16.8	26.1	25.4	33.7	33.2	29.6	28.4	27.9	25.6	19.3	21.8
22	8.5	15.6	27.4	25.5	31.6	30.4	30.5	29.4	25.7	26.0	19.6	22.0
23	9.8	17.6	26.5	25.4	32.5	28.4	29.6	30.7	27.0	24.4	19.2	18.6
24	11.0	17.6	26.7	25.7	32.8	28.8	30.3	30.2	26.4	25.2	17.5	14.5
25	12.2	17.2	22.4	26.3	31.9	28.0	30.1	28.1	26.0	23.9	17.8	13.2
26	14.0	17.1	20.4	25.4	29.9	26.1	31.1	25.9	27.8	21.8	18.4	12.6
27	15.5	17.2	22.4	26.6	29.5	27.4	30.9	27.8	27.6	19.0	18.3	12.5
28	17.2	18.2	19.3	27.9	29.4	28.0	30.7	28.8	25.4	19.7	15.2	12.3
29	20.5	-99.0	17.8	27.7	29.8	29.3	30.3	28.4	24.0	19.7	15.7	9.8
30	21.6	-99.0	17.8	24.4	29.8	30.2	30.6	27.9	25.1	19.2	15.6	10.2
31	21.7	-99.0	17.4	-99.0	31.6	-99.0	30.0	26.7	-99.0	18.4	-99.0	11.5
1984												
1	11.8	12.7	12.0	25.9	27.6	31.0	30.5	26.9	28.0	25.8	20.5	17.5
2	13.8	14.4	13.8	26.4	28.4	28.2	31.1	27.9	27.4	26.4	19.8	17.2
3	14.6	15.2	14.5	28.5	29.4	28.2	29.7	28.8	25.8	26.5	20.6	19.6
4	13.4	15.9	16.3	30.6	28.0	29.9	28.7	27.8	25.9	26.5	22.2	19.4
5	13.2	16.6	17.6	32.0	24.7	31.5	29.6	26.7	25.8	25.7	23.2	18.4
6	13.4	14.2	19.2	26.3	22.6	29.7	29.6	27.6	25.9	24.0	23.2	17.3
7	14.2	12.6	19.0	25.5	21.6	28.8	29.6	27.5	26.2	22.3	23.2	19.4
8	14.0	12.2	17.8	25.8	22.7	28.8	28.0	27.4	27.0	25.7	24.4	21.3
9	12.8	14.2	17.1	25.9	23.8	28.0	29.5	27.6	26.4	25.8	25.7	21.4
10	13.8	15.2	17.0	25.7	26.8	25.6	27.8	26.9	27.2	26.3	25.6	21.1
11	15.8	16.2	18.5	24.9	28.0	27.6	-99.0	25.2	28.2	27.3	26.1	21.9
12	15.2	17.0	20.5	25.0	27.6	28.5	27.3	27.4	26.4	25.4	25.3	22.1
13	18.0	18.7	23.9	24.4	29.0	29.7	28.4	27.5	25.6	25.5	24.9	22.2
14	16.9	17.4	25.2	25.8	27.8	31.2	28.7	25.7	24.5	21.4	24.2	21.4
15	19.6	16.4	24.6	25.8	28.3	32.0	28.8	25.0	26.3	22.8	23.0	23.3
16	19.6	18.7	23.7	27.1	29.0	30.3	30.2	26.0	26.8	24.2	23.9	23.9
17	20.2	20.0	23.4	27.3	27.8	30.8	28.8	27.0	27.4	23.8	23.6	24.0
18	20.9	16.3	26.0	28.4	29.4	30.6	30.3	26.8	26.3	20.7	23.3	23.5
19	18.6	15.8	28.8	27.5	29.9	30.5	32.2	26.2	26.0	20.5	22.6	20.8
20	17.3	18.8	23.1	29.3	28.4	29.5	31.8	28.2	26.4	22.6	22.0	17.9
21	15.2	21.4	18.8	28.6	29.0	28.2	31.2	29.0	26.0	22.0	21.8	17.2
22	11.8	22.2	18.1	23.6	28.1	28.9	30.8	29.9	25.4	21.4	20.8	13.5
23	13.1	21.1	18.0	22.4	26.7	29.5	31.4	30.8	26.4	21.4	21.2	12.5
24	14.3	21.7	18.9	24.4	26.9	30.5	32.0	31.1	26.5	21.7	19.6	10.9
25	14.2	20.9	21.8	25.2	25.0	29.7	32.5	29.7	26.9	22.0	19.8	11.9
26	12.4	17.0	22.9	26.5	26.0	28.0	32.2	28.5	26.4	21.5	20.0	13.8
27	13.1	14.8	24.5	28.8	25.6	29.0	32.0	28.8	26.3	20.8	19.1	14.3
28	14.4	14.5	21.8	24.9	26.5	29.2	30.0	26.7	25.5	20.8	19.2	13.3
29	15.4	12.3	20.9	23.2	28.9	29.9	26.8	26.6	24.2	21.2	18.0	10.6
30	15.3	-99.0	22.8	24.0	29.8	30.8	25.6	27.9	25.4	20.6	17.4	10.8
31	13.8	-99.0	24.6	-99.0	30.4	-99.0	24.8	27.5	-99.0	22.5	-99.0	15.1
1985												
1	16.8	15.3	21.5	16.3	23.5	29.4	30.0	28.6	28.3	22.6	19.6	17.4
2	19.1	15.8	24.0	17.7	26.4	30.6	30.0	27.8	25.0	21.1	21.1	17.5
3	20.7	18.8	23.5	17.8	28.3	32.0	30.2	28.6	26.2	22.5	22.0	19.4
4	19.1	20.4	19.4	19.3	30.0	30.7	30.0	29.2	26.9	23.8	22.0	20.2
5	16.6	22.9	16.4	20.4	30.6	29.6	30.2	30.8	27.8	23.3	23.8	21.5
6	17.8	22.8	18.8	23.0	29.1	30.7	29.5	30.5	29.7	23.0	23.2	22.0

7	19.4	22.8	22.0	23.6	28.3	32.2	28.6	31.1	30.0	23.1	23.2	22.0
8	17.1	24.0	23.3	23.0	27.8	33.0	29.4	28.5	29.6	23.5	23.9	22.2
9	15.9	22.6	23.0	25.6	27.0	32.7	29.4	27.7	26.0	24.0	21.7	22.6
10	14.2	20.7	18.2	29.7	27.3	31.8	28.2	29.0	24.5	25.7	20.2	23.2
11	14.5	19.3	16.5	26.2	27.2	30.8	27.8	29.7	25.1	25.3	21.7	20.6
12	15.8	18.4	13.7	25.7	26.5	31.1	28.1	30.2	25.6	25.8	22.4	15.8
13	14.9	18.2	14.4	23.7	27.9	28.3	28.6	29.1	24.8	26.3	23.2	16.2
14	14.0	19.6	13.9	19.8	28.0	26.7	28.8	30.0	26.3	25.9	22.8	16.2
15	14.9	22.0	14.1	19.3	27.0	26.2	29.4	28.4	24.1	25.2	23.2	13.8
16	16.3	22.3	14.2	19.9	27.8	26.2	28.1	29.6	24.2	25.4	20.3	14.9
17	18.0	23.3	15.2	21.9	26.9	26.1	27.6	29.9	25.6	25.6	19.3	15.3
18	16.2	20.8	15.9	21.6	26.6	26.6	28.1	31.4	25.7	26.0	20.4	18.6
19	17.9	21.6	16.3	23.5	26.5	24.6	29.0	31.3	25.9	25.0	21.0	17.0
20	18.3	19.7	16.6	23.2	25.6	24.2	29.8	30.9	25.1	24.8	22.4	16.2
21	19.3	17.4	15.7	25.1	25.8	26.4	29.9	29.8	25.0	20.7	24.6	16.0
22	19.5	16.2	16.0	24.1	26.7	27.9	29.3	29.0	26.5	20.2	25.7	14.4
23	21.2	14.5	17.0	24.8	26.6	29.0	28.7	29.2	25.6	20.4	25.8	15.0
24	21.5	15.2	20.4	26.1	26.8	29.4	28.9	28.9	23.4	22.5	22.4	15.6
25	17.8	17.4	22.4	27.0	27.7	31.5	29.6	28.2	22.5	24.4	17.0	16.7
26	14.8	18.0	23.4	25.2	29.1	31.8	30.6	29.0	22.6	25.1	19.5	16.6
27	15.7	17.6	27.0	19.1	30.5	30.7	29.9	28.0	23.6	25.3	21.1	19.1
28	17.1	18.8	27.6	19.6	31.8	30.2	28.8	28.1	23.8	24.9	24.0	20.7
29	16.5	-99.0	24.9	21.8	30.7	29.4	29.0	29.2	24.4	25.6	23.4	20.1
30	12.7	-99.0	18.0	23.6	30.9	27.8	27.3	28.8	23.4	24.2	18.6	21.4
31	13.8	-99.0	16.1	-99.0	31.1	-99.0	28.4	29.2	-99.0	22.4	-99.0	21.4
1986												
1	15.1	22.8	11.4	21.7	26.6	31.7	32.7	29.2	30.4	20.1	21.1	16.5
2	15.0	22.2	9.0	23.6	25.3	31.3	33.4	27.6	28.9	19.6	22.8	17.1
3	17.3	20.5	11.9	24.5	23.8	29.7	32.8	24.7	29.0	22.4	22.0	16.9
4	14.6	16.7	12.8	24.7	25.4	28.1	32.3	25.6	28.0	24.3	22.4	15.9
5	15.3	18.2	14.0	24.6	26.6	30.1	31.4	27.6	28.2	25.3	22.2	17.5
6	13.6	17.1	16.7	25.2	24.6	29.9	31.0	28.0	25.8	24.1	23.1	19.6
7	14.5	15.0	17.8	23.5	24.0	30.1	30.0	28.0	27.3	24.6	23.7	19.1
8	14.2	13.6	20.2	23.6	25.6	30.4	29.4	25.6	26.7	25.0	22.0	17.5
9	15.5	16.2	20.7	24.9	25.0	30.7	30.6	26.2	26.1	24.7	18.0	17.5
10	16.4	15.9	20.6	26.5	25.7	31.2	29.0	24.8	24.7	23.6	19.6	17.4
11	16.2	16.3	21.8	26.0	28.4	30.2	29.7	24.0	25.8	21.2	20.0	17.4
12	16.7	19.1	22.9	26.4	30.6	28.0	31.2	27.8	27.2	21.5	19.8	18.6
13	17.9	19.6	24.9	26.7	31.2	27.8	31.6	29.6	28.2	21.7	21.2	19.8
14	19.1	22.4	25.9	26.7	31.5	29.3	31.3	28.0	28.1	23.4	22.1	21.9
15	19.0	22.6	26.8	24.5	27.4	29.8	29.9	27.0	27.4	24.5	22.5	21.9
16	19.8	22.9	27.2	23.8	26.0	31.5	30.7	27.3	27.2	25.0	20.6	22.0
17	21.0	24.2	27.0	25.8	25.8	32.4	30.7	27.7	27.2	26.1	21.1	22.5
18	21.3	23.0	27.6	27.6	26.0	30.7	31.4	28.5	25.3	25.7	21.6	21.4
19	22.2	18.8	23.9	28.2	25.3	28.3	30.8	28.6	25.6	25.6	21.1	18.7
20	21.5	17.1	24.3	28.0	29.4	29.6	29.4	28.3	24.8	25.6	19.7	17.9
21	21.0	15.8	24.8	26.6	28.8	29.5	27.7	30.0	24.5	24.1	19.6	18.6
22	20.8	17.6	22.0	24.9	24.8	28.6	27.6	29.5	23.6	24.3	21.0	16.4
23	20.9	19.6	20.3	24.8	25.6	28.4	27.8	28.2	25.2	24.8	21.2	18.7
24	22.4	17.4	19.3	25.6	26.8	29.8	29.1	29.7	25.3	25.6	20.4	19.4
25	21.6	16.9	19.8	26.0	27.6	29.6	28.9	26.7	25.3	24.8	19.2	20.1
26	15.9	17.1	20.9	27.2	28.0	30.1	30.0	25.3	25.2	26.4	18.0	20.2
27	14.6	16.8	21.4	26.3	27.3	30.7	29.7	26.5	24.4	27.0	16.8	19.9
28	16.2	14.4	22.3	26.0	29.2	31.8	28.5	27.9	24.8	25.6	17.6	19.5
29	18.6	-99.0	23.4	26.5	29.8	32.4	28.6	29.1	25.8	23.2	19.3	19.4
30	19.9	-99.0	27.2	26.3	31.2	33.3	27.3	30.0	24.0	19.9	16.8	21.0
31	21.8	-99.0	22.4	-99.0	31.6	-99.0	27.3	30.1	-99.0	19.8	-99.0	21.9
1987												
1	21.9	19.6	16.2	26.0	28.6	28.5	31.1	30.5	30.2	24.7	26.2	13.2
2	23.1	18.3	16.2	26.6	29.4	25.6	31.6	30.5	28.8	25.7	25.7	13.2
3	22.6	17.9	15.8	20.7	29.8	27.8	30.1	30.6	28.4	26.1	22.4	14.6
4	22.4	17.2	18.4	23.1	28.4	28.6	29.6	30.1	27.5	26.8	19.4	15.0
5	20.3	17.2	21.5	27.8	29.3	29.0	29.7	30.6	28.0	27.4	19.9	14.2
6	18.8	19.4	23.9	29.4	28.6	29.8	30.2	30.8	26.0	27.3	20.8	14.6
7	20.2	19.6	24.4	23.2	28.5	28.8	30.2	30.5	26.1	24.9	19.8	13.6
8	19.4	19.6	25.8	23.0	28.0	24.5	30.3	30.0	25.8	26.7	17.5	13.9
9	19.6	19.6	26.7	25.0	27.0	25.3	30.5	27.1	25.8	26.9	18.1	15.0
10	20.8	21.7	25.9	27.4	27.2	28.0	30.8	27.5	26.9	27.1	21.0	17.6
11	22.2	23.7	25.4	28.4	26.8	30.0	31.0	27.3	26.6	27.8	22.2	17.8
12	20.1	23.5	25.4	28.4	28.3	31.1	31.5	26.2	26.4	29.3	22.6	19.2
13	18.2	22.7	25.4	24.0	28.0	32.3	31.9	27.8	26.4	28.8	23.6	18.4
14	17.5	23.9	27.2	20.8	27.9	32.2	27.8	28.4	26.4	27.8	24.5	18.6
15	19.7	22.6	27.2	19.6	29.2	29.6	29.2	26.2	26.8	27.8	25.6	15.6
16	21.4	22.6	26.3	20.2	31.6	27.0	30.2	25.6	26.8	27.4	25.5	16.7
17	20.1	22.7	26.8	21.0	29.7	27.8	28.4	26.1	26.8	27.8	26.3	14.7
18	20.4	23.9	27.0	23.7	27.3	28.6	30.0	27.0	26.4	28.2	21.8	14.2
19	21.1	23.4	27.2	25.6	29.9	28.9	30.8	28.5	26.8	27.6	18.8	15.2



20	20.3	23.4	26.7	26.8	32.1	30.0	32.3	29.4	25.7	27.0	19.5	16.5
21	21.3	22.7	27.0	27.2	33.6	29.8	32.1	27.8	26.4	28.1	21.2	16.0
22	22.8	23.7	27.6	26.4	32.7	30.8	32.0	24.9	27.0	26.0	22.9	14.4
23	22.3	22.6	27.6	27.9	32.5	32.2	29.9	26.6	27.0	21.4	23.0	17.6
24	20.8	22.8	28.3	27.8	32.5	32.7	29.2	27.8	26.9	19.8	23.7	16.8
25	18.6	21.5	26.4	28.0	32.2	32.9	30.6	29.3	27.2	20.6	23.9	17.0
26	13.1	22.0	19.5	27.3	32.5	32.9	30.1	30.2	22.6	19.6	23.8	18.1
27	11.8	21.3	20.8	24.8	32.2	32.2	32.1	29.8	22.6	20.5	25.2	18.4
28	13.9	16.6	22.7	24.6	27.3	31.3	31.6	31.0	24.4	22.0	23.7	19.5
29	17.3	-99.0	23.3	26.0	24.6	30.1	29.8	31.4	25.5	23.6	17.9	21.4
30	19.6	-99.0	25.4	27.5	27.2	31.4	30.3	30.7	26.2	25.9	13.6	20.7
31	19.3	-99.0	25.8	-99.0	29.0	-99.0	29.0	28.9	-99.0	25.9	-99.0	20.2
1988												
1	19.0	23.0	17.9	20.0	27.3	25.4	31.1	27.0	31.4	21.0	19.5	18.3
2	18.9	22.2	16.6	20.8	26.7	26.8	31.3	26.6	31.7	22.0	20.2	17.7
3	20.0	19.3	14.9	20.1	27.8	27.0	30.1	26.0	32.7	23.0	21.9	18.0
4	20.4	19.8	14.2	20.6	28.8	27.1	29.4	29.2	32.7	23.5	20.9	17.9
5	20.7	22.4	13.9	23.6	29.6	24.8	30.2	30.6	29.6	24.7	19.9	19.6
6	17.6	24.4	13.6	25.2	29.7	26.0	30.5	29.6	30.1	26.0	19.4	18.3
7	20.2	23.9	12.8	22.2	29.4	26.4	31.2	27.3	30.4	25.9	19.4	19.2
8	20.2	22.6	12.8	17.9	30.0	27.6	32.4	27.5	30.3	25.8	20.4	21.2
9	18.8	17.9	13.1	18.4	29.3	30.5	32.5	27.1	29.6	22.2	19.9	20.1
10	18.9	17.4	16.3	19.9	29.0	32.2	30.9	27.9	28.6	23.2	19.1	14.8
11	19.6	16.5	19.4	22.0	27.6	30.0	30.4	28.2	29.2	21.4	21.8	14.5
12	18.4	17.0	22.0	20.9	26.8	29.4	30.4	29.4	29.4	22.2	17.5	15.8
13	18.8	20.7	25.4	21.6	27.2	29.8	26.4	28.5	28.2	24.2	16.9	17.1
14	19.4	20.8	26.9	20.5	27.2	30.8	29.2	29.3	28.4	25.4	19.8	17.5
15	20.6	18.9	27.1	19.7	25.0	29.4	28.4	29.4	25.8	25.5	20.0	18.2
16	20.2	18.3	26.3	21.8	27.1	29.9	29.2	29.3	23.9	25.6	21.4	17.0
17	20.2	16.8	24.1	23.1	27.6	28.1	28.4	30.3	23.8	25.3	21.6	17.0
18	18.0	13.9	18.4	22.0	28.3	29.4	28.8	30.3	24.6	26.2	22.1	17.0
19	14.0	12.0	18.7	23.6	29.9	30.8	31.4	29.6	24.9	25.5	20.5	19.2
20	16.6	13.0	20.4	27.3	31.1	30.1	31.1	29.2	24.6	25.6	18.5	20.4
21	19.6	14.2	23.4	29.7	32.3	31.1	30.3	29.6	25.2	24.4	18.4	19.9
22	22.2	16.6	22.4	24.3	34.1	32.5	30.6	30.1	24.5	24.2	20.5	19.6
23	19.7	18.8	18.9	22.3	32.2	33.0	32.2	29.6	23.0	23.2	21.9	20.4
24	22.8	20.3	18.0	22.4	33.8	32.7	31.4	29.2	24.2	22.8	21.9	20.4
25	22.8	22.4	20.1	23.7	33.8	31.2	30.1	28.7	23.2	21.8	20.6	20.1
26	22.9	23.6	22.6	24.8	31.7	32.4	30.8	28.7	24.6	22.9	20.8	19.6
27	22.0	23.8	24.5	26.4	29.5	32.3	30.8	29.0	24.8	22.0	19.0	18.6
28	19.5	23.9	27.4	25.5	30.0	32.0	31.9	28.7	22.4	20.2	15.9	19.2
29	20.4	22.6	24.6	25.6	30.8	30.5	30.8	29.1	21.0	16.6	17.4	18.8
30	22.9	-99.0	19.4	25.9	30.2	30.3	29.8	29.4	21.5	16.8	17.2	17.5
31	23.3	-99.0	18.6	-99.0	27.9	-99.0	28.2	30.4	-99.0	18.0	-99.0	18.0
1989												
1	17.5	14.6	22.5	22.3	26.0	27.2	29.8	28.0	29.2	27.0	24.7	16.8
2	17.8	14.4	23.4	25.6	28.1	27.8	30.1	27.0	27.0	26.4	24.8	16.4
3	18.4	12.4	23.6	28.4	25.8	28.8	29.6	27.8	29.2	23.3	25.3	16.9
4	19.0	13.0	21.4	30.1	25.4	28.5	28.7	27.7	30.5	23.8	25.3	18.2
5	19.4	14.5	15.5	27.0	22.8	28.3	27.2	27.4	30.0	24.9	25.2	19.0
6	21.2	15.5	15.0	24.6	24.2	29.9	28.4	28.7	27.7	25.0	25.3	19.4
7	22.9	16.5	13.8	24.0	26.6	30.5	29.5	29.6	25.0	25.1	25.0	19.4
8	24.4	16.2	13.8	22.0	28.8	29.8	30.3	28.8	25.8	24.2	23.6	20.1
9	22.6	15.8	14.4	20.0	30.9	27.2	29.6	27.3	26.2	22.8	23.4	19.9
10	23.3	14.6	16.1	21.8	30.8	24.8	28.2	27.2	27.5	21.6	21.7	19.5
11	23.0	14.4	19.6	23.6	30.2	25.2	29.0	26.6	28.8	20.8	22.0	19.9
12	23.1	13.6	21.0	25.6	29.3	27.8	29.0	28.2	27.8	23.8	24.4	20.7
13	17.6	17.1	22.4	27.0	29.1	27.6	28.0	27.8	27.0	22.6	24.4	20.7
14	11.4	19.0	22.6	26.7	23.8	27.3	27.7	28.6	26.8	25.7	23.8	20.1
15	11.5	21.0	23.2	23.4	23.8	29.9	28.2	28.5	25.6	24.8	21.6	17.7
16	12.4	22.3	22.4	22.1	27.0	30.3	28.9	29.2	24.6	26.0	19.9	18.0
17	14.2	23.8	23.3	24.3	24.5	31.0	30.6	29.1	24.7	25.5	19.2	18.0
18	16.8	22.2	24.4	27.2	26.5	31.9	31.2	28.7	26.0	23.2	18.2	17.4
19	16.6	22.4	24.4	27.9	26.2	32.4	29.7	29.0	26.3	20.2	17.4	19.4
20	16.6	22.8	24.5	29.4	26.1	32.2	29.3	27.2	28.0	19.6	18.2	19.0
21	17.4	22.2	21.0	31.8	27.0	31.8	28.0	26.3	28.7	20.7	19.0	20.0
22	15.2	22.2	20.5	26.8	27.4	32.0	28.0	25.2	27.8	19.2	19.0	21.5
23	13.6	22.2	22.2	23.4	26.6	32.2	26.1	24.0	26.8	19.6	18.8	22.1
24	14.4	22.6	23.4	22.2	25.9	29.4	26.5	24.4	26.8	21.9	18.9	20.8
25	14.8	18.1	22.4	24.4	25.0	27.9	29.5	26.6	27.6	24.0	19.0	22.2
26	15.0	18.4	17.9	25.6	26.3	26.0	29.6	28.0	26.9	24.8	20.9	23.3
27	14.2	20.6	18.6	27.4	26.6	28.1	29.9	29.7	25.1	25.4	20.2	22.6
28	14.0	21.8	18.9	27.3	27.9	28.8	30.0	29.9	24.9	25.1	19.5	22.0
29	14.4	-99.0	18.3	26.8	28.9	29.9	26.8	30.4	26.2	24.6	18.1	22.5
30	14.0	-99.0	20.8	25.9	29.6	31.0	26.5	29.7	26.4	24.0	15.7	18.5
31	14.2	-99.0	21.0	-99.0	29.2	-99.0	27.3	29.4	-99.0	24.1	-99.0	16.9
1990												

1	19.0	12.2	17.8	28.1	28.1	26.0	30.4	29.0	28.9	24.8	23.1	14.0
2	18.3	14.4	16.7	28.1	28.9	23.6	29.0	30.5	28.6	25.2	24.5	14.6
3	17.5	15.2	16.4	28.0	29.8	24.4	29.3	30.0	26.2	25.3	25.6	14.6
4	18.3	15.0	16.6	24.4	23.1	27.0	29.8	29.3	24.0	24.6	27.0	15.3
5	21.1	15.4	15.9	18.8	22.2	29.0	29.5	28.6	27.0	24.8	27.6	15.0
6	20.5	15.4	14.4	20.3	23.6	31.1	29.8	29.0	27.2	24.6	26.4	15.6
7	20.1	16.7	15.2	22.1	24.8	31.1	31.2	29.6	27.8	24.1	26.6	17.4
8	21.7	19.3	15.6	24.2	26.2	32.0	31.8	29.7	28.9	24.7	26.8	19.8
9	22.0	21.5	15.2	24.2	26.1	27.0	30.4	30.9	30.0	22.7	23.0	19.5
10	23.4	22.0	17.3	26.6	28.3	29.1	30.1	31.9	29.5	24.4	17.6	17.8
11	23.3	21.4	20.4	27.8	25.1	28.3	30.6	30.7	29.9	24.3	18.5	19.0
12	23.1	20.3	21.4	22.6	24.6	29.1	31.2	29.6	29.0	23.8	18.6	20.4
13	23.3	22.0	21.6	22.6	26.1	29.9	31.1	28.6	27.6	23.9	18.2	21.0
14	24.2	23.3	22.9	24.4	26.0	29.7	30.2	28.1	26.4	23.9	20.7	22.2
15	24.1	22.4	22.0	28.4	27.0	29.8	30.7	28.3	25.4	23.6	20.8	22.8
16	17.4	23.5	20.6	31.4	28.6	28.5	30.8	27.5	26.2	23.6	19.1	22.5
17	17.1	22.6	20.2	30.9	22.8	28.7	31.0	28.4	25.0	25.3	20.9	21.4
18	21.0	23.9	18.9	26.8	23.6	29.1	30.8	29.1	25.7	25.6	24.0	22.6
19	18.6	24.4	20.4	29.2	25.5	30.0	29.4	30.9	23.8	24.5	25.2	22.6
20	16.2	24.8	21.7	30.5	27.8	29.2	28.8	31.7	25.2	24.7	24.0	21.8
21	15.2	24.9	23.6	30.6	26.6	28.2	27.4	31.6	26.8	26.0	23.8	21.4
22	15.8	25.1	25.1	32.9	28.2	28.7	24.5	31.8	27.2	26.7	20.6	20.2
23	13.3	23.6	26.9	29.8	27.7	28.6	26.1	32.0	27.7	26.7	20.9	16.9
24	14.2	19.1	26.8	24.5	23.2	28.1	28.1	32.0	27.2	26.9	21.4	17.0
25	15.1	16.6	27.0	23.3	20.8	29.9	29.8	29.6	25.3	20.6	22.3	19.7
26	15.8	15.9	25.8	23.4	23.6	30.4	29.2	25.6	26.0	19.7	21.3	20.2
27	16.7	16.0	25.6	24.2	25.5	30.0	28.9	27.0	26.6	21.6	20.2	21.7
28	20.1	17.6	25.7	26.8	26.5	29.4	29.2	25.4	26.9	22.6	20.2	22.3
29	20.5	-99.0	25.6	27.6	27.3	30.0	28.2	24.6	26.1	21.0	20.5	21.5
30	20.7	-99.0	26.1	27.9	28.9	30.5	26.6	27.0	25.9	20.9	20.0	21.1
31	20.2	-99.0	26.4	-99.0	29.5	-99.0	27.4	28.1	-99.0	23.6	-99.0	21.8
1991												
1	23.1	16.7	23.6	14.1	30.7	29.4	28.3	29.8	28.2	26.5	21.3	22.7
2	22.9	15.7	22.6	15.6	24.5	30.1	29.3	30.5	28.9	26.0	21.2	23.6
3	22.9	17.2	23.4	17.8	24.8	27.8	29.2	29.7	27.2	26.4	18.9	22.1
4	24.3	17.0	23.7	21.4	26.7	27.4	30.3	28.2	26.9	24.5	19.4	19.1
5	20.8	18.8	25.5	24.3	29.4	27.5	31.5	28.2	27.4	24.0	21.9	21.0
6	17.7	20.5	26.2	25.0	30.5	26.0	31.9	26.3	28.5	22.2	22.0	20.6
7	20.6	21.6	26.4	24.2	29.7	27.2	30.9	28.0	29.9	21.0	24.0	21.4
8	20.7	21.3	24.9	27.2	24.1	29.1	30.1	30.0	31.2	22.2	23.5	19.7
9	18.1	23.2	24.6	28.6	22.6	29.8	29.9	30.6	30.7	23.3	23.7	20.0
10	20.9	23.5	24.9	29.4	24.6	31.5	28.7	31.0	28.8	24.1	22.8	20.5
11	22.5	22.4	24.9	29.6	27.6	30.6	28.4	29.7	25.6	25.7	21.6	20.6
12	19.8	24.0	25.2	28.5	27.8	29.5	29.0	29.1	25.7	26.6	20.8	20.9
13	18.4	25.4	24.9	26.3	28.2	30.2	26.7	29.3	25.4	27.7	20.9	20.1
14	18.6	24.6	23.6	26.2	27.7	31.8	27.5	27.6	25.1	28.6	19.9	19.5
15	14.5	20.6	24.2	26.3	28.5	32.8	28.3	26.4	26.4	27.0	18.8	19.3
16	16.2	20.9	23.0	26.8	25.9	33.1	29.5	26.3	24.9	27.5	18.1	19.5
17	17.5	21.2	20.3	26.4	27.4	30.2	29.5	24.1	26.1	25.4	19.8	19.6
18	20.7	21.5	20.8	27.4	28.2	31.3	29.9	26.1	26.1	23.8	19.9	19.7
19	21.3	21.0	24.1	26.1	29.9	31.5	29.7	27.9	26.6	23.2	19.8	19.1
20	22.3	17.6	25.4	24.0	29.9	31.4	29.9	28.5	26.8	23.0	20.3	18.2
21	23.2	14.0	25.6	20.7	30.9	32.4	31.3	28.6	25.9	22.4	21.1	19.2
22	23.6	13.5	27.0	20.4	31.2	30.3	28.0	29.7	26.7	22.5	21.5	20.0
23	23.4	15.0	26.4	21.3	31.7	26.5	26.8	28.2	25.8	20.5	23.3	22.5
24	23.4	16.1	27.6	22.7	31.9	27.4	27.7	27.6	26.6	19.8	22.3	23.7
25	23.0	18.6	27.6	24.3	31.1	25.7	28.6	25.6	26.5	21.6	20.7	23.2
26	22.4	21.1	27.2	25.6	30.2	26.2	28.0	26.2	27.1	23.1	17.5	23.5
27	19.1	23.1	26.2	26.1	27.6	27.4	28.1	27.0	27.1	22.4	17.8	24.2
28	19.5	23.7	25.5	27.3	27.9	28.7	30.2	25.5	25.4	21.0	19.3	14.0
29	19.0	-99.0	23.1	29.3	28.4	29.9	29.7	26.2	24.3	19.8	22.2	8.2
30	18.6	-99.0	22.8	29.2	28.5	28.8	31.0	27.8	25.4	20.2	22.1	12.1
31	18.8	-99.0	18.4	-99.0	28.5	-99.0	30.1	27.5	-99.0	20.1	-99.0	14.4
1992												
1	16.8	21.1	24.5	21.7	29.0	32.0	30.5	27.0	28.9	24.5	23.2	15.7
2	18.9	22.7	23.5	21.2	29.5	30.5	31.3	27.7	28.0	26.0	22.4	15.5
3	18.1	23.1	23.8	23.7	28.8	29.4	31.4	27.5	27.0	24.1	22.6	15.8
4	18.1	25.8	24.1	24.0	28.3	29.0	33.0	27.0	28.2	24.7	23.0	17.2
5	18.7	22.8	18.9	25.1	28.9	28.8	33.0	27.7	28.5	25.2	21.7	18.9
6	19.9	21.7	16.6	25.1	29.5	30.4	31.8	28.5	29.8	23.5	21.3	21.3
7	16.8	18.6	15.4	25.3	30.3	29.4	28.7	28.1	28.6	23.3	23.0	21.0
8	13.8	18.5	16.8	24.9	32.8	26.5	25.9	28.8	26.5	22.6	22.7	21.1
9	13.6	18.7	18.7	27.4	31.6	25.6	24.3	28.6	27.2	22.2	16.8	20.0
10	13.6	18.4	18.7	27.3	27.8	28.1	27.0	28.0	28.2	22.7	15.8	21.9
11	14.8	17.7	19.7	25.5	27.7	28.1	27.6	25.6	28.8	23.6	15.0	23.1
12	18.5	16.5	21.9	23.6	27.5	29.3	28.3	25.7	27.5	24.4	17.2	23.1
13	18.2	15.2	23.9	20.7	28.2	30.6	27.1	27.1	26.1	20.5	16.5	23.8

14	11.8	18.4	24.2	19.0	28.4	30.3	29.0	27.3	27.0	19.6	17.1	22.6
15	13.7	19.1	25.0	19.4	28.0	30.0	28.4	26.3	28.2	21.1	17.3	18.5
16	13.7	19.2	25.8	21.5	30.1	31.1	27.3	26.4	27.1	21.5	17.1	17.0
17	13.9	20.2	25.4	22.8	30.3	30.9	28.1	26.8	25.5	20.4	19.0	18.2
18	15.6	21.5	24.8	27.9	29.7	30.5	30.0	28.0	25.4	22.1	20.8	19.4
19	16.3	21.7	24.2	30.3	27.2	28.6	30.4	28.2	24.6	22.5	21.8	19.5
20	16.3	16.5	25.0	30.8	28.5	29.1	31.1	28.4	26.0	21.0	20.8	21.5
21	13.9	14.0	24.7	30.1	28.2	29.0	29.9	28.4	24.9	21.4	17.6	21.4
22	15.5	14.8	25.8	30.1	29.0	31.2	28.8	27.6	26.4	21.7	17.8	21.6
23	17.1	13.9	25.8	27.2	28.9	32.5	26.2	27.3	26.3	21.8	19.9	20.5
24	18.3	15.3	25.8	27.1	28.9	33.3	27.4	27.0	25.8	22.1	20.4	13.9
25	18.1	15.8	27.4	27.6	28.3	33.1	26.3	26.3	26.0	21.1	21.2	13.6
26	17.5	17.0	23.9	27.2	28.3	30.3	27.2	26.4	25.7	21.1	18.9	16.3
27	19.2	17.3	20.6	26.9	26.4	25.7	25.1	25.8	25.5	21.5	18.0	19.4
28	21.2	20.2	19.2	26.9	28.1	23.5	24.7	27.4	24.7	20.0	17.9	20.4
29	21.2	21.6	18.0	27.5	27.1	26.0	26.1	28.3	25.3	18.4	18.1	22.2
30	21.4	-99.0	20.6	27.8	31.3	30.3	27.5	28.4	25.8	20.0	17.2	23.0
31	21.4	-99.0	23.2	-99.0	32.6	-99.0	27.8	28.8	-99.0	22.0	-99.0	21.7
1993												
1	21.3	15.1	17.1	27.6	29.1	32.6	29.2	31.2	26.4	23.1	17.9	21.7
2	22.1	14.3	16.3	28.4	29.5	30.9	30.0	28.7	26.3	21.2	18.2	22.5
3	22.6	15.9	18.0	28.6	26.1	31.6	30.5	29.4	27.7	21.5	18.7	22.2
4	23.2	16.5	18.5	28.6	25.8	30.2	31.4	30.4	27.2	22.1	20.2	21.9
5	21.4	17.9	21.1	25.9	29.5	30.4	30.3	30.9	26.6	23.0	21.6	19.5
6	21.6	18.4	21.2	24.6	30.0	30.8	31.0	32.8	25.4	21.7	22.2	15.9
7	22.7	19.4	22.7	20.4	28.8	30.4	31.6	31.1	23.5	22.3	22.6	16.6
8	22.6	20.4	22.7	18.4	28.8	30.7	30.9	31.7	24.1	22.5	23.7	15.9
9	21.3	21.3	23.3	17.7	27.3	30.0	30.7	31.5	26.1	23.1	24.4	18.0
10	21.4	19.8	22.4	20.3	27.9	31.1	28.8	32.0	27.1	23.8	23.8	17.7
11	22.2	20.0	21.7	23.0	28.1	31.3	25.8	32.6	27.2	22.4	24.1	18.0
12	22.9	20.1	22.4	23.8	28.0	31.3	25.5	32.3	27.7	24.1	23.9	21.7
13	22.2	21.1	22.1	24.3	29.8	31.2	27.8	30.3	27.6	23.6	23.8	22.4
14	23.6	21.0	25.5	25.0	25.1	31.2	26.9	30.1	27.0	25.3	23.0	21.2
15	17.4	21.4	28.1	25.1	26.2	30.6	29.1	29.5	27.7	24.1	23.5	17.5
16	10.7	22.1	27.6	27.1	26.2	31.3	29.3	27.8	28.1	22.1	24.1	14.6
17	11.0	21.3	25.7	27.8	25.9	30.5	30.5	27.4	27.8	22.0	24.2	11.4
18	11.1	22.9	19.9	28.1	26.8	30.5	31.4	29.3	26.9	21.2	23.3	12.3
19	12.9	24.2	17.1	28.6	27.8	30.8	32.0	29.0	25.2	19.2	24.4	14.2
20	13.5	24.9	16.7	28.8	28.0	31.3	32.4	28.7	26.0	20.4	24.4	16.3
21	12.9	24.7	17.7	25.6	28.1	31.0	30.7	29.4	24.9	21.8	20.4	15.4
22	12.6	22.8	19.0	26.1	28.2	29.7	30.3	27.9	26.4	21.3	16.2	14.5
23	12.6	21.8	22.5	28.3	27.6	29.3	29.5	29.2	25.2	23.1	17.4	14.0
24	10.2	19.0	24.9	28.4	27.5	28.5	30.5	29.5	25.5	23.5	15.2	13.5
25	12.1	19.8	26.6	27.7	25.5	27.9	31.1	29.1	25.8	23.8	16.3	13.4
26	13.7	21.0	27.1	26.4	28.1	27.7	32.1	28.4	25.9	24.8	16.7	13.0
27	13.7	22.9	27.5	26.8	27.2	27.5	31.3	28.2	26.3	25.8	17.0	14.4
28	12.2	19.8	27.5	27.4	26.8	29.1	29.6	28.3	27.6	25.9	17.4	16.4
29	11.4	-99.0	23.8	27.9	27.1	29.4	29.7	24.7	27.9	24.1	18.6	15.2
30	11.4	-99.0	21.1	26.8	27.6	28.5	31.5	25.8	24.8	18.1	19.6	17.1
31	12.7	-99.0	22.8	-99.0	29.8	-99.0	31.2	26.2	-99.0	17.5	-99.0	18.7
1994												
1	16.9	21.3	14.5	24.2	29.4	27.2	28.6	27.9	26.1	24.6	19.4	24.0
2	20.2	19.0	14.1	25.1	31.4	26.3	29.3	27.8	25.7	25.4	19.3	23.6
3	20.0	18.1	14.2	25.4	33.8	26.9	28.8	26.4	26.5	24.4	20.0	22.8
4	21.9	19.2	17.6	26.5	31.3	28.2	28.6	27.7	25.7	25.3	20.3	18.4
5	23.2	21.4	20.7	26.8	22.3	29.4	27.9	28.0	26.1	26.5	21.4	17.6
6	22.5	22.7	23.4	26.2	20.6	28.6	27.8	29.0	25.1	25.2	21.6	19.1
7	20.8	23.7	25.0	26.6	22.5	28.4	28.8	29.8	25.2	23.4	21.6	19.7
8	19.7	22.1	25.8	27.0	24.9	27.6	28.5	29.1	28.8	25.4	22.0	21.3
9	19.5	22.0	24.3	27.0	25.9	28.7	27.5	29.0	27.5	26.4	21.1	22.8
10	21.2	22.3	21.7	27.8	27.8	27.4	26.3	28.9	28.0	25.8	22.5	23.0
11	22.5	25.3	22.2	28.4	28.4	29.0	27.1	29.8	27.7	26.0	21.6	25.3
12	22.6	24.1	25.0	27.7	28.6	30.0	29.0	29.6	25.3	25.4	21.3	25.1
13	22.8	24.1	23.8	22.7	29.5	31.6	30.1	32.6	23.5	26.2	22.7	22.3
14	19.1	25.0	18.3	21.4	29.4	31.4	27.8	29.6	25.2	27.0	23.0	19.5
15	19.2	24.2	16.8	22.0	29.4	31.7	25.6	28.1	25.7	27.5	23.3	20.6
16	22.0	23.8	18.0	24.8	28.5	31.5	26.7	27.6	25.7	26.5	23.1	20.7
17	23.2	20.3	17.7	26.2	26.8	31.9	26.9	29.4	26.5	23.9	23.2	21.1
18	22.2	21.2	18.1	27.2	25.0	27.3	26.4	27.6	26.4	24.8	21.9	18.3
19	21.7	20.8	18.4	27.6	25.6	25.9	27.1	27.3	27.7	24.3	22.1	17.3
20	17.9	19.3	18.7	27.5	26.5	25.8	27.6	27.7	27.2	20.1	22.4	17.0
21	12.5	19.3	19.4	27.6	28.5	27.2	29.8	27.5	28.3	18.6	22.7	14.7
22	12.2	23.1	18.6	27.7	29.3	27.8	30.9	27.4	27.4	19.0	22.0	15.5
23	12.0	23.4	16.2	27.4	29.6	27.1	31.2	26.2	26.1	18.5	21.6	18.3
24	14.1	23.4	16.8	27.5	30.4	28.2	30.2	25.6	26.2	18.8	21.8	18.0
25	15.9	20.2	17.4	28.8	29.8	28.4	30.0	26.7	26.9	18.6	21.5	18.3
26	16.4	17.8	17.5	29.7	29.4	28.5	29.1	27.4	26.6	18.8	22.1	19.0

27	18.3	15.4	16.5	28.8	25.9	27.8	27.1	27.7	25.2	18.9	21.9	19.0
28	19.3	14.5	19.3	27.5	26.3	26.8	25.7	27.4	24.8	20.5	23.2	19.0
29	19.5	-99.0	21.5	28.5	27.1	25.9	26.2	26.0	23.2	21.9	24.5	20.0
30	21.6	-99.0	22.1	28.9	28.6	26.7	25.0	26.0	22.4	20.6	24.2	20.7
31	22.0	-99.0	22.9	-99.0	28.4	-99.0	27.3	25.4	-99.0	20.9	-99.0	21.9
1995												
1	21.8	11.3	18.1	24.7	27.0	26.7	29.9	28.1	28.0	26.4	23.5	21.2
2	18.7	12.0	21.7	22.2	27.5	27.5	29.8	30.8	28.6	25.1	21.1	20.7
3	18.0	12.6	18.3	19.1	26.7	29.3	29.0	29.2	27.3	26.9	18.8	20.3
4	14.2	11.4	16.9	19.9	27.4	29.5	29.7	27.3	26.2	25.7	20.2	20.6
5	13.4	12.4	17.1	22.5	21.3	29.5	29.3	28.2	27.0	24.2	20.2	19.5
6	13.2	13.5	18.4	22.3	23.9	29.9	29.7	28.6	28.1	22.4	20.3	16.0
7	14.9	15.8	20.9	22.1	25.2	29.1	29.0	28.1	29.0	21.5	20.2	15.4
8	16.1	17.8	22.1	23.6	25.2	27.0	28.7	28.2	28.7	22.9	18.0	15.1
9	18.6	19.2	25.1	24.0	26.0	28.0	27.9	26.7	24.9	23.5	19.1	14.5
10	19.6	20.5	23.1	25.2	24.9	28.5	29.8	27.3	26.8	24.0	20.5	16.3
11	21.8	19.8	24.5	25.4	25.4	28.4	30.9	29.6	24.9	22.7	21.7	18.7
12	21.0	20.5	21.5	25.7	25.5	27.6	31.4	30.5	24.5	23.1	23.0	19.3
13	17.8	21.6	20.1	27.5	26.9	28.7	30.7	27.4	26.1	25.9	22.9	19.3
14	17.2	22.0	20.1	28.6	26.3	28.0	30.6	28.6	25.1	27.0	18.8	19.8
15	17.7	18.5	23.8	28.9	26.4	30.5	27.6	29.2	26.2	26.2	17.6	20.8
16	17.6	18.7	26.3	28.7	24.3	31.2	28.9	27.6	24.5	24.9	18.1	22.5
17	17.5	21.2	25.5	27.9	29.0	31.5	28.9	28.2	25.1	25.5	18.8	22.7
18	18.9	25.2	17.5	28.3	31.4	29.4	27.4	27.6	25.3	25.2	20.2	20.6
19	19.9	23.2	15.8	26.1	31.4	30.5	27.0	28.7	24.8	24.7	19.5	17.7
20	20.2	22.8	17.2	27.3	32.6	30.1	28.8	28.4	24.1	25.8	20.8	17.0
21	21.0	22.7	18.4	28.5	31.4	31.7	29.6	28.5	24.1	25.0	18.7	16.1
22	23.5	19.1	20.3	28.9	26.9	31.1	30.5	27.5	25.2	25.2	18.1	16.0
23	22.7	17.0	23.8	29.0	28.4	31.5	31.0	27.5	25.3	24.4	17.7	16.4
24	17.5	16.8	24.8	28.3	30.9	30.8	30.8	27.5	24.4	25.1	16.0	17.5
25	15.5	16.8	22.0	26.4	32.5	31.2	30.6	28.6	24.9	20.2	16.1	16.9
26	16.5	15.3	17.8	27.9	30.8	31.1	30.6	27.5	25.5	20.4	18.1	16.4
27	16.0	15.4	19.6	27.6	28.5	30.7	31.5	26.4	25.5	20.7	19.2	15.9
28	13.7	16.6	23.8	27.1	27.6	28.1	28.8	25.2	25.7	20.3	20.5	15.4
29	13.7	-99.0	24.5	28.6	27.9	27.8	26.9	25.4	24.8	23.0	20.3	13.0
30	14.3	-99.0	27.5	26.9	28.1	28.0	28.3	28.1	25.3	23.8	21.0	13.0
31	12.4	-99.0	26.1	-99.0	28.7	-99.0	26.0	27.5	-99.0	24.2	-99.0	13.9
1996												
1	13.8	13.5	16.4	24.9	26.6	27.9	29.1	29.5	27.5	24.7	25.7	15.8
2	15.2	13.9	17.9	20.1	26.8	28.4	30.3	30.4	27.1	25.0	25.4	15.8
3	17.1	14.4	17.1	17.3	27.9	28.6	31.1	29.8	25.2	26.1	23.5	18.6
4	16.9	15.1	18.4	16.8	28.8	29.0	29.8	27.3	25.8	26.1	25.7	20.8
5	17.7	16.1	18.7	18.6	28.9	29.3	29.1	25.4	25.8	26.4	25.7	21.2
6	20.1	16.5	19.3	20.7	29.4	28.3	27.3	27.9	26.8	26.6	25.1	15.1
7	19.8	18.2	21.8	22.2	30.6	27.4	28.6	29.0	26.4	26.1	24.5	12.8
8	19.5	18.2	23.1	23.7	25.9	28.2	28.6	30.1	26.5	24.1	25.0	15.4
9	18.4	16.6	22.8	26.7	24.5	27.3	28.8	29.7	26.7	22.6	24.7	16.3
10	16.9	16.8	18.9	22.6	26.0	27.3	29.9	29.7	27.7	23.2	24.3	14.4
11	18.7	15.3	16.1	19.8	23.6	27.2	30.2	29.5	27.3	23.7	25.2	16.3
12	21.3	18.3	16.7	19.1	24.1	27.4	29.5	26.8	25.5	23.5	24.7	16.9
13	21.9	20.2	19.5	20.4	25.0	25.6	29.7	27.0	25.1	24.0	22.7	17.9
14	22.1	21.1	24.2	20.4	26.8	27.0	29.7	26.6	25.9	23.6	21.3	17.2
15	21.4	22.4	25.6	21.8	27.0	27.0	30.7	28.7	25.8	23.9	23.1	19.4
16	21.9	21.9	29.0	22.0	27.1	27.0	30.4	30.2	25.0	25.0	21.6	19.9
17	21.0	22.3	26.1	26.3	25.6	28.1	30.5	29.5	26.7	25.9	20.0	19.7
18	20.2	18.8	25.9	27.0	25.1	28.7	29.4	29.9	27.2	24.3	16.2	18.4
19	20.0	13.3	24.9	31.0	26.4	29.9	29.9	27.9	27.5	23.8	17.0	16.8
20	18.5	10.3	26.4	21.5	26.1	31.3	29.9	27.6	26.3	23.5	18.0	16.1
21	20.5	8.8	26.9	18.7	26.0	29.1	28.5	27.2	24.8	23.1	20.1	16.5
22	22.0	9.3	23.7	18.1	26.5	28.8	25.3	24.8	24.1	21.7	19.8	14.2
23	21.9	11.1	24.6	20.9	28.1	28.5	24.9	26.2	24.7	23.6	20.1	16.5
24	19.5	12.2	24.2	22.7	29.1	30.7	27.8	26.1	24.3	22.6	20.9	16.0
25	21.4	13.5	25.0	22.5	29.4	28.6	28.9	25.6	23.1	24.0	20.7	16.9
26	17.3	14.2	23.9	22.8	26.4	29.0	28.4	26.3	23.7	23.4	21.1	16.3
27	14.7	14.0	24.5	24.2	27.9	29.9	30.4	27.1	24.7	21.2	22.1	16.1
28	14.3	15.3	21.6	25.2	28.6	31.0	29.7	28.0	25.4	22.6	22.7	18.0
29	14.3	16.0	22.7	25.3	29.1	30.1	29.0	29.7	25.7	24.0	22.0	18.8
30	14.0	-99.0	26.4	27.1	29.2	31.0	28.5	28.2	25.0	24.3	20.2	20.1
31	14.3	-99.0	27.5	-99.0	26.6	-99.0	29.7	27.0	-99.0	24.7	-99.0	20.3
1997												
1	21.0	21.9	20.8	25.6	26.1	27.3	30.0	26.1	28.9	26.5	18.1	24.5
2	20.3	22.9	20.3	25.9	27.3	30.1	30.6	28.5	28.6	26.8	19.0	18.5
3	20.3	24.4	18.3	26.7	28.5	31.4	30.2	28.8	27.6	26.8	19.1	16.5
4	21.7	20.3	19.8	26.7	28.3	29.7	31.0	30.6	27.0	24.4	19.7	17.4
5	19.2	18.3	21.4	26.3	31.2	31.1	31.4	29.5	26.7	24.9	19.0	19.1
6	18.4	17.6	21.6	27.2	31.5	32.3	31.6	29.5	27.6	26.7	19.4	21.8
7	18.8	17.5	22.5	27.1	31.3	31.8	31.8	32.0	24.3	26.7	20.6	22.9

8	18.4	17.7	21.5	25.3	30.3	32.6	29.5	31.3	26.3	25.3	20.9	17.4
9	14.6	17.0	21.9	25.6	25.5	31.2	27.3	31.5	26.4	26.4	20.8	15.2
10	14.1	16.9	22.6	25.3	27.4	30.3	27.3	28.9	23.9	26.4	21.9	16.1
11	13.3	16.0	23.7	25.4	28.5	28.7	27.2	28.1	25.8	26.6	23.3	16.0
12	15.5	16.2	25.3	24.1	29.3	30.5	28.2	29.6	26.3	26.0	23.8	16.0
13	16.9	16.9	26.7	24.2	29.4	30.4	27.6	29.1	26.9	26.4	24.0	15.5
14	18.2	17.1	27.0	25.6	28.8	29.5	28.0	28.8	27.1	26.2	24.6	17.4
15	19.0	16.8	25.9	26.4	29.2	26.9	27.3	29.1	27.0	26.3	25.6	19.4
16	20.1	15.0	25.9	24.2	30.3	26.7	28.3	26.9	24.8	24.4	26.3	21.9
17	22.6	15.1	22.5	26.1	27.5	27.6	28.2	25.6	25.1	24.4	19.6	22.9
18	23.6	15.3	22.6	27.3	29.1	28.9	28.0	26.8	26.0	24.7	18.5	23.6
19	22.5	15.2	25.0	28.2	29.4	30.1	28.6	26.4	24.6	25.3	20.4	23.2
20	21.2	16.2	21.8	28.5	28.7	30.0	27.4	27.7	26.1	25.4	23.1	24.3
21	22.9	17.2	25.4	28.0	29.3	30.4	27.0	27.6	20.2	26.1	23.1	24.5
22	22.6	17.9	24.5	26.2	28.2	30.2	26.9	27.4	20.4	26.9	24.4	23.7
23	23.6	18.6	20.4	26.6	22.9	30.0	27.0	27.2	22.7	26.9	25.2	18.2
24	17.5	18.1	19.6	23.2	24.0	29.1	26.1	27.3	24.1	27.2	25.9	18.8
25	13.6	19.4	20.7	21.6	25.1	29.0	28.3	27.2	25.4	26.5	26.4	20.8
26	13.4	18.9	21.6	19.7	26.0	27.2	28.2	28.0	20.2	24.6	25.8	21.7
27	14.8	19.6	21.3	22.3	27.9	27.6	29.4	28.0	18.5	23.0	26.2	20.9
28	16.9	20.7	22.8	23.8	28.1	28.4	28.1	26.1	21.1	20.0	26.8	22.2
29	19.2	-99.0	24.0	24.5	24.4	28.8	27.4	26.5	22.9	19.7	26.7	22.8
30	21.5	-99.0	25.2	23.9	25.4	30.0	28.1	27.3	24.9	19.9	25.6	23.4
31	21.1	-99.0	24.5	-99.0	26.8	-99.0	26.9	28.1	-99.0	19.2	-99.0	21.3
1998												
1	21.4	23.4	17.8	25.4	30.4	30.9	26.8	31.4	28.6	23.8	25.1	26.8
2	21.5	23.6	18.9	23.5	31.2	32.2	28.2	31.7	27.7	22.8	23.9	26.5
3	21.2	23.6	20.6	24.7	25.3	31.4	25.8	31.3	27.3	24.6	20.5	25.0
4	22.4	20.6	21.8	23.2	23.7	31.5	26.0	30.0	28.9	23.2	21.6	19.7
5	22.1	13.9	23.2	23.7	26.6	27.4	28.3	27.7	27.5	21.8	22.0	19.3
6	20.8	12.7	26.6	25.1	27.5	27.6	30.7	28.9	26.8	24.1	21.0	19.2
7	23.3	13.5	28.0	25.3	27.6	28.4	30.1	28.7	24.6	24.2	20.3	18.7
8	23.7	14.9	26.8	26.1	28.1	31.6	29.9	28.9	26.8	25.1	22.7	15.6
9	24.8	19.1	26.5	27.7	28.0	31.6	29.7	27.9	26.0	25.7	22.6	15.4
10	25.1	18.8	20.8	27.8	29.4	29.4	30.6	28.9	27.4	26.5	22.1	16.5
11	23.9	21.1	18.7	29.7	29.1	30.4	30.3	29.2	26.5	26.1	22.3	17.1
12	24.6	23.0	18.0	28.2	27.9	32.3	30.1	31.2	26.2	25.1	21.5	15.7
13	25.5	23.8	18.9	28.2	28.0	31.2	31.5	31.3	27.0	26.8	20.3	15.6
14	26.5	24.8	22.9	27.5	28.7	31.9	31.5	30.4	26.2	25.0	22.0	16.4
15	21.9	25.4	22.8	23.6	30.2	33.6	31.2	28.8	27.0	25.4	20.4	12.4
16	23.7	26.5	24.4	23.4	29.8	34.4	31.0	26.9	26.8	26.2	23.3	13.1
17	20.2	26.0	24.9	22.9	26.7	34.4	31.2	28.7	25.0	26.9	24.5	15.3
18	19.3	24.2	25.3	23.5	26.1	32.9	31.7	26.4	25.0	25.0	24.1	18.2
19	17.3	25.3	26.7	22.9	28.7	31.7	31.4	25.6	24.5	24.0	24.1	18.0
20	16.2	25.0	27.9	24.1	29.5	32.7	33.4	26.1	24.9	21.8	22.4	19.0
21	17.4	21.1	26.4	26.3	30.4	32.1	34.2	27.3	24.6	21.2	20.4	19.5
22	19.5	18.6	19.1	28.8	31.7	32.2	33.7	26.2	25.6	21.2	18.0	19.5
23	18.2	19.6	18.7	29.8	31.2	32.9	33.0	27.8	25.8	21.5	19.4	19.8
24	15.7	20.4	19.6	29.4	26.1	31.6	32.5	29.3	26.0	21.7	18.1	18.9
25	13.7	18.1	21.0	29.7	24.8	31.1	31.7	29.9	25.1	21.7	19.2	20.4
26	15.6	18.1	24.3	29.9	25.3	31.0	33.0	30.4	24.7	21.8	19.4	20.1
27	17.2	18.8	25.9	30.4	27.9	29.5	32.0	31.3	23.5	21.8	19.8	19.7
28	15.8	18.5	23.3	30.7	29.1	28.9	30.3	30.8	23.7	23.3	20.6	19.3
29	13.8	-99.0	21.5	30.5	30.0	26.2	28.9	30.2	23.3	23.9	23.4	20.0
30	16.4	-99.0	23.1	30.3	28.4	27.5	28.0	27.9	23.4	25.7	24.8	19.9
31	20.7	-99.0	25.4	-99.0	29.1	-99.0	29.4	28.4	-99.0	24.8	-99.0	19.6
1999												
1	19.8	25.1	19.2	24.5	24.2	29.1	30.6	27.0	27.3	25.3	23.3	17.4
2	19.4	21.4	22.2	25.2	25.3	28.9	30.4	27.8	27.3	25.8	17.8	16.9
3	17.9	17.4	22.4	24.6	27.5	28.7	29.3	28.5	27.9	25.4	16.7	17.8
4	16.3	14.7	22.6	22.8	27.3	28.3	28.2	28.1	28.1	24.5	17.9	16.8
5	16.8	16.3	23.2	20.0	23.5	27.6	28.2	27.8	28.0	25.4	18.6	16.0
6	17.5	17.8	25.5	21.3	23.5	29.2	29.1	27.9	27.6	26.1	19.8	14.7
7	18.2	17.4	23.5	22.4	23.6	29.7	30.2	28.5	25.6	25.5	21.6	14.1
8	17.0	18.3	25.6	25.0	23.7	29.3	32.0	30.5	26.6	26.3	22.1	14.3
9	16.9	17.8	27.5	25.7	22.4	27.6	32.2	29.7	26.1	26.7	22.6	15.3
10	16.8	18.9	24.6	26.4	22.6	27.7	31.7	30.1	27.6	27.8	24.3	16.3
11	14.8	21.4	20.0	26.7	20.7	28.8	30.2	28.3	27.2	27.7	26.1	18.5
12	12.6	20.4	19.6	28.4	22.1	29.7	31.6	29.5	27.3	25.9	25.1	18.7
13	13.3	19.9	21.4	27.8	24.9	30.4	29.4	30.3	27.7	26.6	24.5	17.9
14	14.9	20.0	21.3	26.6	26.4	30.0	30.8	28.5	28.1	24.2	24.1	16.4
15	12.9	22.0	20.1	26.6	27.3	28.6	29.8	28.0	28.1	24.3	23.8	17.1
16	12.8	20.2	18.1	28.6	28.0	27.9	31.3	27.9	27.4	24.6	22.3	18.2
17	12.6	22.0	24.6	28.7	30.0	28.3	31.5	27.5	26.5	22.4	23.0	17.5
18	15.1	22.2	26.9	28.3	28.1	27.7	30.9	26.6	26.2	20.0	20.8	17.3
19	17.0	20.6	25.7	27.6	24.6	24.8	30.4	27.9	26.8	20.0	20.6	17.0
20	17.7	16.5	26.0	27.4	25.7	27.6	31.3	27.8	26.0	19.0	20.6	14.8

21	17.4	15.3	23.4	27.6	25.9	29.7	31.5	28.6	24.5	21.0	20.7	12.9
22	18.7	15.6	18.7	27.3	27.5	30.6	31.4	28.1	25.0	22.9	21.5	11.7
23	21.8	20.2	18.6	27.7	28.9	31.0	30.1	27.2	24.3	24.4	22.4	10.3
24	22.1	22.3	20.9	29.2	28.7	29.0	27.3	28.6	25.0	23.4	22.3	10.1
25	21.6	23.5	25.3	28.9	29.2	29.7	27.5	29.5	24.9	23.2	23.2	10.9
26	22.4	23.9	27.3	27.1	29.7	29.4	28.6	29.1	25.3	23.8	23.3	10.4
27	22.8	22.4	27.0	24.8	25.7	30.1	29.0	28.2	26.2	25.3	23.5	11.7
28	23.5	19.9	24.0	20.4	27.0	30.0	29.5	27.9	25.6	24.3	21.2	15.3
29	22.4	-99.0	21.9	22.0	27.5	30.5	29.1	28.1	24.4	23.3	15.7	16.7
30	23.5	-99.0	18.9	22.8	27.6	30.5	26.2	28.7	25.4	23.8	15.6	17.9
31	25.3	-99.0	21.7	-99.0	28.5	-99.0	26.9	27.6	-99.0	25.5	-99.0	18.5

2000

1	18.1	10.9	12.2	26.7	29.4	25.5	27.1	28.9	28.4	25.8	19.6	23.7
2	18.4	13.7	14.0	28.1	28.2	27.7	27.6	30.2	26.7	27.0	18.1	22.7
3	19.4	16.5	17.2	25.3	25.2	28.4	28.3	30.0	26.6	27.2	17.6	20.9
4	20.9	17.2	19.4	22.9	26.3	28.1	28.7	29.5	26.7	27.3	17.3	16.7
5	22.2	18.1	20.8	21.5	26.1	27.7	27.8	27.6	26.2	26.3	17.3	19.0
6	22.9	16.8	21.7	21.6	26.7	28.8	28.7	28.9	25.9	25.1	18.5	19.4
7	22.9	15.9	22.8	22.6	27.8	29.6	29.5	27.4	26.3	25.4	19.8	19.1
8	22.8	16.8	21.8	23.5	27.7	30.4	28.7	27.2	24.1	24.5	21.2	20.0
9	23.6	16.8	22.4	25.3	29.4	30.2	27.7	28.0	25.4	25.3	21.1	21.2
10	23.8	19.1	23.1	26.2	27.3	31.0	27.0	29.3	24.1	26.7	22.0	21.6
11	23.4	21.1	23.0	24.6	26.7	31.6	27.3	30.1	25.8	25.9	22.3	21.7
12	24.0	21.7	20.0	24.8	25.8	30.4	26.5	30.6	25.4	25.8	20.9	20.1
13	24.4	22.2	19.6	24.3	25.4	24.7	27.2	30.7	25.2	23.2	18.0	17.6
14	24.6	22.3	20.8	26.2	26.2	23.2	28.0	30.2	25.1	20.8	19.4	15.2
15	24.3	20.2	21.5	24.4	26.7	26.1	27.8	30.3	23.4	20.2	20.5	17.1
16	23.3	18.2	22.5	20.3	26.8	27.0	25.9	30.6	23.5	20.0	21.4	18.3
17	23.1	18.3	22.4	22.3	27.1	24.7	27.0	29.0	23.6	20.0	19.5	19.7
18	18.7	20.3	21.8	24.7	26.2	25.9	28.3	29.0	24.3	21.2	18.5	20.4
19	13.0	23.0	22.9	26.0	22.6	27.1	27.8	28.2	24.7	21.4	20.1	21.6
20	13.2	23.4	23.0	27.8	23.2	29.0	29.0	28.1	25.0	23.0	18.1	22.4
21	14.7	22.4	24.5	27.0	21.7	29.9	28.2	27.9	26.1	25.1	15.6	18.0
22	17.8	20.4	24.0	26.2	22.6	29.9	28.4	26.1	25.5	24.3	15.9	17.5
23	19.8	20.0	23.5	27.3	25.6	29.3	28.6	25.2	26.4	24.8	18.1	17.9
24	19.7	18.0	20.7	28.7	27.1	28.1	28.8	26.5	26.6	26.3	19.6	17.1
25	18.2	16.2	18.2	29.2	28.8	29.3	29.4	27.0	27.3	25.5	20.0	16.8
26	14.8	13.4	17.8	28.9	30.4	29.0	29.5	27.9	27.3	25.6	22.1	18.6
27	12.0	13.1	20.5	27.5	30.1	27.5	28.5	29.2	26.2	24.9	23.0	18.3
28	12.4	13.2	20.9	26.0	29.5	28.0	28.1	28.8	25.6	25.7	22.7	18.8
29	13.0	12.5	21.2	27.8	29.1	28.2	28.8	28.3	26.0	25.3	23.3	19.3
30	11.9	-99.0	20.6	28.9	29.5	28.6	29.6	27.9	26.1	21.3	23.8	20.8
31	11.4	-99.0	24.2	-99.0	28.4	-99.0	29.1	27.5	-99.0	19.3	-99.0	18.9

2001

1	18.9	18.0	18.6	25.2	24.6	27.6	29.4	30.2	28.1	25.8	25.3	23.3
2	19.4	18.2	18.0	25.3	24.0	27.5	28.6	29.2	26.6	26.0	25.9	22.8
3	21.2	18.4	19.3	28.0	25.8	28.6	28.5	27.3	25.6	25.9	26.1	22.0
4	21.0	18.1	17.9	27.9	26.1	29.0	29.9	26.4	25.5	23.4	25.9	21.4
5	21.6	18.6	20.0	26.9	28.4	28.7	29.1	25.2	26.2	23.9	25.2	22.9
6	22.4	21.6	22.2	25.7	28.9	28.8	30.1	26.7	24.8	26.1	21.5	23.2
7	23.5	20.7	23.1	27.2	29.8	29.3	31.6	27.2	27.9	27.2	19.9	19.8
8	23.8	17.3	20.9	30.2	30.5	29.5	28.0	28.0	28.6	27.4	21.6	19.0
9	23.8	16.2	16.5	31.0	29.5	31.1	29.2	26.2	26.0	24.2	22.2	19.9
10	19.3	14.0	17.4	29.9	23.4	29.9	29.2	25.4	25.7	24.1	19.4	19.1
11	17.4	15.5	18.1	23.0	23.9	29.0	29.8	27.6	23.2	24.6	18.7	19.3
12	18.3	18.4	16.9	18.3	23.8	29.5	29.8	28.4	26.0	25.4	18.7	20.3
13	18.4	18.3	16.9	20.0	25.6	28.3	30.7	27.7	26.6	25.8	17.6	20.0
14	17.6	15.3	20.9	21.2	26.5	28.5	31.4	27.6	27.5	26.3	16.0	15.7
15	16.0	14.1	23.2	22.9	26.7	28.8	28.7	28.1	28.1	26.1	13.9	15.5
16	13.9	16.9	25.2	25.0	23.8	30.2	29.5	26.7	28.0	24.2	17.7	18.1
17	15.3	15.3	25.7	26.6	25.5	28.7	28.8	27.6	28.3	23.0	17.3	19.9
18	17.8	18.5	24.8	29.6	27.4	30.0	29.5	28.3	28.3	23.2	18.7	20.0
19	19.2	21.0	25.1	29.6	27.0	31.0	29.7	28.6	28.4	23.6	18.3	18.4
20	20.1	22.0	25.7	30.3	28.3	31.1	28.9	28.3	27.4	24.8	17.3	17.8
21	21.9	21.4	24.8	30.6	29.6	27.5	26.8	28.6	26.8	25.1	17.7	14.5
22	23.4	22.7	26.3	27.2	29.6	27.0	27.6	28.8	25.9	25.2	18.1	13.5
23	24.3	24.1	27.2	25.3	27.7	27.3	28.2	29.6	25.8	25.1	18.6	12.5
24	25.6	23.6	28.3	24.0	29.3	27.9	29.3	30.8	25.5	23.7	20.5	14.0
25	26.7	19.0	26.1	22.9	28.9	27.4	30.1	28.1	26.3	24.7	18.4	15.5
26	20.1	17.5	23.2	23.1	27.5	27.5	30.1	27.0	26.2	25.9	17.7	16.1
27	16.3	18.5	23.4	26.3	27.2	28.0	30.3	27.5	25.6	25.4	18.7	15.9
28	14.5	18.8	22.3	28.9	25.7	28.9	29.2	26.0	25.6	22.9	20.2	15.8
29	14.0	-99.0	21.5	28.5	27.4	27.6	30.1	26.6	25.3	20.5	21.3	17.0
30	16.6	-99.0	21.5	28.7	27.5	27.7	31.0	26.7	25.6	21.8	22.6	16.2
31	18.3	-99.0	24.3	-99.0	27.5	-99.0	32.9	28.4	-99.0	23.8	-99.0	17.3

2002

1	17.7	16.5	23.0	25.1	27.1	29.7	29.9	28.1	26.0	25.3	23.6	22.4
---	------	------	------	------	------	------	------	------	------	------	------	------

2	18.9	13.3	22.5	25.8	26.2	30.9	28.2	27.8	26.1	25.0	23.2	23.8
3	17.5	15.1	22.0	27.7	27.6	28.4	28.1	29.5	25.7	25.4	20.1	23.8
4	17.2	17.5	22.4	27.7	27.5	26.1	29.7	29.5	25.2	25.6	17.6	24.0
5	16.9	16.8	21.6	28.0	26.4	27.8	30.8	27.8	25.4	25.8	18.4	24.6
6	16.9	18.4	17.5	28.2	27.2	29.0	29.4	27.7	26.1	22.8	19.6	26.3
7	18.7	21.2	16.1	27.1	27.7	28.7	28.1	29.3	27.2	23.0	20.3	26.2
8	16.6	20.7	16.0	27.5	27.6	28.8	28.6	28.4	26.8	21.9	20.3	22.5
9	17.0	21.8	19.0	27.1	26.8	27.7	26.5	28.9	25.3	20.9	20.2	14.6
10	18.1	20.6	21.2	26.7	26.1	29.3	29.0	29.3	25.8	19.7	21.9	15.7
11	20.5	17.0	22.3	19.9	26.9	29.8	29.4	29.0	26.0	19.7	22.6	16.4
12	19.5	17.4	22.9	20.1	26.9	27.5	30.4	28.0	26.6	20.2	24.1	16.0
13	20.4	20.5	25.1	21.9	27.9	29.5	31.4	27.5	27.3	21.4	25.2	17.2
14	19.8	20.9	27.3	23.5	28.0	30.2	31.0	27.3	27.6	22.6	26.2	18.4
15	21.3	20.0	27.3	25.8	26.6	29.3	29.2	28.0	25.8	24.7	28.4	18.9
16	21.3	19.4	25.0	27.6	27.4	29.7	30.0	27.8	25.8	25.5	22.8	20.6
17	22.0	19.0	24.0	27.6	25.9	30.6	30.3	27.1	24.4	26.6	19.8	21.8
18	22.7	20.0	19.6	27.1	27.4	30.2	29.9	25.0	22.7	27.5	19.3	24.2
19	22.7	20.3	19.4	27.3	29.0	29.8	31.8	26.5	23.7	26.9	19.8	24.7
20	21.2	20.6	21.8	27.4	30.4	29.6	30.6	25.5	24.9	27.7	20.7	24.4
21	16.1	21.9	23.8	28.2	31.3	31.1	28.4	24.7	25.1	26.9	21.2	23.4
22	14.8	22.6	26.9	28.7	30.8	28.5	28.3	25.5	26.8	26.2	19.0	21.5
23	15.2	22.0	25.8	27.3	26.7	28.6	29.7	25.4	21.9	23.7	21.2	20.6
24	18.0	21.9	21.7	28.0	25.3	27.1	31.8	27.4	22.8	20.2	21.3	19.6
25	20.0	22.2	22.8	25.2	23.9	28.0	30.8	28.6	23.7	21.0	18.3	19.6
26	17.2	23.2	26.0	26.9	25.7	29.1	31.3	28.2	26.1	23.0	16.7	17.4
27	15.5	23.1	27.2	27.5	26.0	30.0	29.2	27.5	26.6	24.2	16.6	12.3
28	14.6	23.4	28.4	27.3	26.8	30.8	26.3	27.5	25.0	25.6	18.7	12.5
29	13.8	-99.0	27.2	27.1	28.6	30.1	24.9	27.4	25.4	26.4	20.6	14.3
30	14.7	-99.0	24.6	27.1	30.3	30.6	26.7	25.7	25.7	26.4	21.0	15.3
31	16.4	-99.0	22.8	-99.0	28.2	-99.0	30.2	26.1	-99.0	24.5	-99.0	16.0

2003

1	16.1	21.1	24.2	26.6	23.9	26.7	29.5	30.4	28.0	26.7	23.5	19.3
2	17.2	21.0	24.4	28.2	25.2	26.0	29.0	27.1	27.7	26.3	24.3	20.4
3	14.8	18.8	27.1	29.5	25.9	28.0	28.4	27.1	27.0	24.9	23.5	20.0
4	15.7	14.5	25.1	28.8	28.0	27.2	30.1	27.1	25.5	25.2	23.9	21.1
5	15.2	14.8	24.8	23.5	31.2	28.1	29.2	29.0	25.3	24.2	24.2	20.9
6	12.5	13.0	22.4	23.9	33.3	29.8	30.2	30.2	25.3	24.4	23.4	21.8
7	12.7	17.6	18.7	27.5	31.5	32.0	30.1	29.9	25.9	25.4	23.4	22.5
8	12.4	18.4	16.6	25.5	29.1	30.8	31.9	30.4	24.7	25.9	24.4	19.0
9	15.3	21.2	14.9	25.7	28.0	31.7	31.2	30.0	26.6	27.4	24.1	17.2
10	13.9	23.6	15.3	25.5	28.0	33.0	30.6	30.2	24.8	27.6	23.5	17.7
11	13.4	23.8	18.4	28.5	28.2	33.8	31.2	29.6	24.0	28.2	20.4	17.2
12	13.3	22.9	20.5	30.2	28.5	30.4	29.7	29.8	25.4	28.0	18.1	15.9
13	14.3	19.7	22.8	29.7	26.6	31.8	30.4	28.8	25.3	27.3	18.8	15.6
14	15.7	20.1	22.9	24.0	28.2	29.2	25.8	30.2	26.0	23.5	20.7	15.7
15	17.6	23.4	24.7	23.8	29.6	27.9	27.8	30.8	27.4	19.7	21.2	16.4
16	17.2	23.5	25.5	26.4	31.3	26.6	28.3	29.1	27.5	20.4	23.5	16.3
17	18.1	22.9	25.4	27.8	31.6	28.5	29.1	26.7	27.5	22.1	21.6	18.5
18	18.3	23.0	24.2	27.3	31.6	28.6	28.8	27.0	28.0	22.7	23.5	18.5
19	19.7	23.4	23.2	26.7	27.8	29.5	29.9	26.9	28.1	23.1	25.0	16.9
20	18.5	23.2	18.6	26.2	28.4	31.8	29.2	26.5	28.1	23.8	25.9	14.2
21	18.9	23.6	17.6	26.4	28.9	30.7	28.1	27.9	27.6	23.6	25.2	13.6
22	19.5	24.6	18.3	27.1	28.1	31.2	26.2	28.2	27.8	23.7	21.6	15.6
23	21.1	24.5	19.3	26.6	28.6	30.7	29.0	27.2	26.9	23.6	20.7	16.7
24	21.7	23.7	19.2	27.4	29.5	31.1	28.5	27.3	25.6	23.4	21.3	19.9
25	23.4	24.4	19.8	26.3	28.5	33.2	29.5	28.0	24.4	22.7	21.9	20.1
26	23.2	24.7	21.2	26.5	29.8	33.3	29.3	30.1	25.7	23.5	21.8	19.9
27	17.6	24.4	23.1	27.0	30.3	30.9	28.5	31.7	26.1	23.7	21.1	17.3
28	15.4	23.7	23.6	27.1	30.9	31.0	28.0	28.2	26.7	23.4	19.7	17.1
29	16.5	-99.0	24.4	25.5	27.0	29.6	27.7	27.1	26.9	23.5	18.4	17.3
30	17.7	-99.0	25.7	23.7	27.0	29.2	29.1	27.5	26.9	22.7	18.8	18.8
31	19.7	-99.0	27.0	-99.0	26.6	-99.0	30.2	27.1	-99.0	23.2	-99.0	19.6

2004

1	20.3	23.4	24.7	22.3	28.6	25.3	30.9	25.9	28.0	25.5	22.4	20.4
2	19.5	20.2	22.9	23.0	28.7	27.3	31.4	26.8	26.4	21.7	22.6	20.6
3	20.3	18.5	18.9	21.4	27.9	27.6	30.7	28.6	25.8	20.2	23.0	21.4
4	21.4	11.7	17.6	22.3	25.6	28.3	31.1	28.7	27.6	22.3	23.9	19.2
5	20.8	10.7	17.8	23.5	21.3	28.4	31.0	29.0	28.5	22.6	23.7	18.5
6	20.2	11.4	17.4	26.1	22.8	28.1	30.4	29.4	28.4	23.5	23.4	19.6
7	20.9	11.0	16.1	26.7	25.4	27.5	30.3	27.8	28.5	23.4	24.1	18.0
8	19.8	11.0	15.7	21.5	26.3	27.0	30.0	27.9	26.5	23.2	24.0	15.5
9	20.1	13.1	17.6	18.2	28.0	27.4	30.0	28.4	23.6	23.0	24.2	15.9
10	21.9	16.8	19.4	21.2	28.9	27.3	28.7	28.0	22.1	24.4	25.6	17.4
11	22.6	17.2	22.1	23.0	29.5	26.2	28.7	27.4	23.8	24.4	25.5	18.4
12	19.9	17.4	22.8	26.6	30.1	25.6	28.9	29.0	24.5	24.1	25.0	18.5
13	18.3	16.2	23.2	25.2	25.9	24.8	28.1	28.9	25.5	24.4	24.4	14.9
14	18.4	17.3	22.5	24.4	27.1	25.1	28.0	26.7	25.4	23.9	25.3	18.3

15	22.0	18.3	23.2	25.0	28.1	27.2	29.7	27.3	25.7	24.5	23.9	17.6
16	22.5	19.0	22.9	23.0	28.3	28.5	28.6	27.4	25.4	24.1	17.9	19.1
17	21.8	18.8	24.1	23.7	24.0	28.5	29.8	26.9	24.9	23.2	17.3	20.9
18	22.3	20.6	24.0	24.1	25.1	30.2	30.8	26.9	26.6	24.0	17.8	22.0
19	19.0	20.8	24.0	22.5	26.7	29.3	31.3	27.6	24.4	24.2	19.8	20.9
20	16.7	22.5	23.9	25.4	25.0	29.1	29.8	28.5	25.8	24.4	20.4	20.4
21	12.3	22.4	23.3	27.2	27.6	30.2	27.3	28.1	24.7	25.2	20.5	19.7
22	12.1	22.3	23.6	26.7	27.4	29.3	25.4	27.7	26.1	22.3	20.4	19.7
23	13.3	21.8	24.3	27.1	26.9	30.7	25.0	28.7	26.3	21.7	20.7	19.1
24	11.2	22.1	25.5	28.7	27.1	30.8	25.6	28.8	25.8	21.6	20.5	18.7
25	13.5	20.6	21.4	28.4	27.1	31.8	26.4	29.9	25.0	22.5	19.4	20.4
26	16.4	21.4	19.8	28.2	28.1	30.8	26.1	31.5	25.4	22.4	19.9	20.5
27	16.1	22.9	20.7	26.8	28.1	29.8	26.2	31.7	25.7	21.0	17.4	21.0
28	14.5	25.1	21.9	26.6	27.8	28.9	27.1	28.0	24.2	22.4	18.0	17.4
29	16.7	-99.0	22.4	27.8	29.1	29.0	27.5	25.9	24.9	22.3	18.8	16.6
30	17.7	-99.0	21.9	27.6	28.4	30.0	27.5	26.2	24.7	22.9	20.3	17.1
31	19.9	-99.0	22.7	-99.0	26.8	-99.0	26.2	26.8	-99.0	23.2	-99.0	11.5
2005												
1	10.6	18.7	16.1	25.3	30.9	30.3	28.5	28.9	27.2	26.4	19.6	22.0
2	14.2	18.1	17.0	20.8	27.4	30.5	29.2	29.1	27.7	26.7	20.3	22.4
3	17.4	18.4	14.8	19.8	28.1	31.5	29.5	29.2	28.1	26.2	24.0	22.3
4	16.3	20.4	14.0	20.9	28.4	31.2	29.4	29.2	25.5	24.1	24.3	20.9
5	16.6	21.9	14.0	19.7	29.4	32.4	27.2	28.6	25.5	24.5	25.3	17.5
6	16.7	22.2	14.6	22.9	27.6	31.4	28.6	29.3	26.0	25.1	25.7	14.4
7	18.1	23.3	16.5	24.5	27.1	27.9	29.9	29.1	26.2	23.5	26.0	12.6
8	18.7	23.2	18.6	26.7	26.8	29.5	30.7	27.3	26.5	23.1	26.2	13.9
9	18.3	24.0	21.4	29.9	28.2	30.3	30.6	28.5	25.9	22.7	25.6	15.9
10	17.0	23.2	25.6	30.5	30.8	29.5	30.7	26.7	25.0	22.9	25.8	18.5
11	16.6	20.1	25.8	29.1	31.3	31.2	29.7	25.4	25.6	22.6	27.1	18.8
12	15.9	19.6	24.1	23.9	31.7	31.9	28.7	27.4	25.8	24.1	26.5	15.7
13	13.5	22.3	16.5	19.4	31.8	31.8	28.3	27.7	25.5	25.7	26.0	14.2
14	11.3	24.5	17.1	20.4	31.0	32.4	30.0	29.7	25.6	25.7	25.8	14.3
15	12.4	26.1	19.9	21.9	31.5	31.9	29.3	28.7	26.2	25.1	24.8	14.9
16	14.8	25.8	20.0	24.0	31.7	29.9	28.2	27.2	27.2	24.8	22.8	14.4
17	16.6	25.9	21.1	24.7	31.9	31.3	29.1	27.3	27.4	24.4	21.1	15.9
18	17.9	20.6	21.0	25.7	30.1	31.6	30.3	26.5	24.9	24.5	21.1	14.2
19	19.6	16.8	19.6	26.2	30.5	30.8	31.2	26.5	27.3	25.6	17.1	13.8
20	18.2	14.2	20.0	25.9	29.4	32.0	32.2	26.7	26.5	24.7	15.1	15.0
21	19.5	13.5	23.1	25.5	29.6	32.3	30.1	30.4	26.9	24.4	16.2	16.3
22	19.9	15.2	23.1	27.2	29.8	30.6	29.1	29.0	26.8	24.9	16.2	14.3
23	20.9	19.6	22.3	27.2	27.5	31.4	28.4	28.8	26.8	24.0	18.3	14.4
24	22.4	23.8	17.4	28.0	29.7	30.9	27.0	29.3	27.8	21.3	16.7	17.8
25	23.8	23.0	15.5	28.3	30.4	30.8	26.4	27.9	27.1	21.2	18.7	18.0
26	23.1	21.6	19.8	25.8	30.4	31.3	25.6	26.2	25.8	24.0	19.3	18.6
27	23.3	20.4	22.2	28.4	32.6	32.2	27.4	26.9	24.5	24.1	20.8	18.3
28	24.1	16.7	24.0	25.9	32.2	31.1	28.0	27.3	26.3	25.1	20.1	16.7
29	23.3	-99.0	25.0	28.8	29.5	27.7	28.5	26.0	26.9	24.2	21.6	17.0
30	22.9	-99.0	27.1	30.2	25.8	28.9	26.2	24.9	27.0	18.9	22.1	18.2
31	21.4	-99.0	25.7	-99.0	28.7	-99.0	26.4	26.8	-99.0	18.8	-99.0	18.7
2006												
1	19.2	22.2	14.6	25.2	27.5	28.4	26.2	26.6	27.3	26.1	22.5	22.6
2	19.7	21.6	14.7	26.0	27.9	28.9	26.8	27.5	28.8	25.2	20.5	19.5
3	21.2	22.4	15.7	26.6	26.2	29.4	26.6	27.3	29.1	26.1	20.3	18.5
4	23.2	20.0	17.7	27.9	27.1	32.0	26.1	28.3	28.7	25.4	20.4	17.7
5	22.0	19.9	20.2	28.5	29.1	32.4	27.8	28.4	27.9	26.5	21.8	18.4
6	16.7	19.1	20.5	27.5	30.3	33.1	30.7	28.2	28.0	26.5	22.2	20.5
7	11.7	19.6	21.4	26.4	30.0	31.3	31.6	28.8	29.0	26.2	22.0	23.7
8	12.6	19.3	22.5	26.2	29.7	32.4	31.5	27.7	29.9	25.4	22.2	24.1
9	11.9	19.1	22.3	25.7	30.2	33.8	31.3	28.0	26.9	26.5	24.1	24.2
10	13.7	17.6	23.2	28.1	29.2	32.5	30.3	28.8	23.1	25.2	24.9	21.1
11	15.1	17.3	24.4	30.6	27.1	29.3	30.4	25.7	24.0	25.7	24.6	19.2
12	18.1	18.1	24.8	30.7	28.0	30.9	29.8	26.8	23.0	25.3	24.2	20.0
13	20.6	20.5	19.8	27.6	26.6	31.8	30.9	26.8	24.4	26.0	24.0	21.0
14	20.4	22.7	13.9	22.1	20.8	32.4	32.1	25.8	24.7	25.9	24.2	19.5
15	22.2	24.0	16.4	19.5	22.9	30.8	30.8	24.6	24.5	26.0	24.8	19.0
16	22.4	24.0	19.6	20.0	23.1	31.2	31.1	26.2	26.3	25.6	24.1	18.4
17	23.8	21.5	22.1	20.8	24.6	30.2	29.9	28.0	26.5	25.8	25.5	16.6
18	24.9	17.2	22.9	23.4	25.3	28.9	29.3	27.7	25.9	25.9	25.3	15.1
19	24.5	16.9	24.0	26.2	25.7	28.8	28.6	26.6	25.7	24.6	25.7	15.2
20	20.5	17.0	23.6	26.3	24.3	28.6	28.6	27.4	25.3	25.7	25.6	14.8
21	17.5	18.4	26.3	26.9	26.2	28.6	28.4	26.8	25.3	25.3	25.9	13.9
22	14.9	19.2	27.0	28.8	25.9	28.6	29.2	26.5	25.4	25.3	25.0	15.2
23	13.3	18.3	27.4	28.5	25.6	28.1	28.4	27.8	25.2	24.5	25.4	15.0
24	12.9	17.5	23.2	26.8	27.6	27.3	28.9	27.2	23.7	25.3	26.0	17.0
25	14.8	18.4	21.4	27.9	27.7	28.3	28.3	27.9	23.9	25.2	26.3	18.2
26	15.2	18.7	21.9	28.1	28.3	27.8	28.4	28.7	26.2	25.7	27.1	19.0
27	16.6	20.1	22.3	29.4	28.8	28.5	29.2	28.5	26.4	25.4	27.9	19.5



28	17.6	18.1	20.9	27.1	29.6	29.8	27.8	27.7	25.5	23.6	26.7	19.7
29	17.7	-99.0	21.2	22.4	28.6	29.0	28.7	25.1	26.2	24.3	25.3	18.4
30	20.3	-99.0	19.9	23.7	27.6	29.0	27.5	26.6	24.8	24.4	25.5	18.1
31	20.9	-99.0	23.6	-99.0	29.3	-99.0	27.4	27.5	-99.0	24.2	-99.0	17.8
2007												
1	18.9	16.4	24.0	29.9	24.0	30.3	29.6	28.2	28.9	26.3	21.1	18.8
2	21.1	15.0	24.5	30.6	24.0	31.0	30.3	29.6	28.8	24.4	17.1	19.3
3	22.9	14.3	25.5	20.5	25.4	30.4	29.0	29.6	28.8	24.5	17.8	19.7
4	20.2	16.8	25.8	17.6	26.4	30.2	27.9	29.1	27.6	25.2	17.6	19.7
5	16.5	19.8	25.7	18.1	22.6	30.6	27.8	26.0	25.9	26.6	19.6	18.8
6	13.9	21.1	22.3	19.5	23.5	30.6	30.3	25.3	27.5	26.0	18.5	18.8
7	13.2	21.5	17.9	19.7	23.8	31.2	29.1	24.4	28.3	27.2	18.9	18.1
8	14.2	20.9	17.8	19.6	23.1	30.9	30.1	24.9	29.1	27.3	18.6	18.4
9	15.4	20.9	18.7	20.0	23.2	32.3	30.7	27.0	28.5	25.3	21.2	20.2
10	16.8	22.7	20.1	20.5	24.7	31.8	30.4	27.7	27.2	25.5	21.5	22.2
11	18.2	22.1	21.1	21.7	25.2	29.3	32.7	28.4	25.6	24.0	21.3	22.8
12	18.3	21.3	21.8	22.4	25.7	28.9	31.6	29.5	26.1	24.3	21.4	22.6
13	19.4	24.4	24.1	22.8	21.5	29.1	32.9	29.1	25.7	25.4	22.2	21.9
14	18.7	23.7	26.8	24.1	22.8	28.3	32.3	30.8	25.3	24.8	23.5	22.1
15	18.8	24.5	27.4	27.0	26.4	28.7	31.8	28.3	25.6	22.5	22.7	22.8
16	19.7	26.0	27.0	27.2	26.9	28.6	32.5	26.6	26.8	19.8	22.4	23.6
17	20.0	26.3	25.4	28.6	27.8	29.4	31.4	27.1	28.1	20.8	22.0	23.8
18	17.6	25.3	22.4	24.2	27.7	29.7	32.5	28.8	24.8	21.9	21.5	23.8
19	15.2	25.4	19.1	21.9	28.3	28.7	31.9	27.2	25.1	22.8	20.3	22.9
20	16.3	25.2	17.4	25.6	28.1	28.4	31.5	26.3	23.5	22.4	19.5	23.8
21	16.3	24.8	18.7	28.2	30.7	29.4	30.4	28.4	23.3	21.9	18.4	23.6
22	15.7	26.1	21.0	30.6	31.3	28.6	30.0	28.8	22.4	23.9	19.9	25.7
23	15.9	24.7	23.9	31.3	32.9	29.7	30.4	29.0	24.8	24.5	19.8	25.7
24	14.8	24.5	26.2	30.4	33.4	28.7	27.7	27.9	24.4	23.8	18.6	20.5
25	15.6	24.8	26.4	25.3	29.1	28.6	27.7	27.7	24.2	24.4	19.1	19.0
26	16.2	23.6	27.1	25.5	28.0	30.0	27.8	28.3	26.8	24.3	19.6	19.4
27	15.0	23.4	26.6	25.6	27.8	30.0	27.4	27.4	26.8	23.7	16.7	21.6
28	14.7	23.9	26.5	25.8	27.3	30.0	27.4	26.4	24.8	23.8	15.7	21.2
29	13.6	-99.0	27.4	24.8	28.1	30.6	27.2	26.5	24.9	24.7	15.7	18.7
30	14.8	-99.0	27.8	22.6	28.5	30.3	27.6	27.5	26.3	22.7	16.5	17.4
31	16.6	-99.0	28.7	-99.0	29.1	-99.0	27.2	28.7	-99.0	21.5	-99.0	16.0
2008												
1	13.4	11.2	14.3	23.8	27.5	28.8	29.7	29.6	27.0	24.2	26.5	16.7
2	13.6	10.5	15.2	21.2	27.6	26.0	29.7	28.1	28.4	25.3	26.9	16.5
3	15.7	12.4	15.1	22.1	28.5	27.8	29.7	28.5	28.9	26.3	23.3	18.7
4	16.7	14.2	15.7	24.4	29.2	26.9	30.5	28.4	28.7	27.2	22.6	20.2
5	16.4	14.2	17.9	26.1	28.3	27.2	30.1	27.9	27.2	26.4	24.5	19.7
6	19.5	13.4	18.1	26.7	27.5	27.2	28.2	29.2	26.0	25.0	26.3	16.7
7	19.3	12.7	18.4	28.7	26.5	27.9	27.9	28.3	26.4	25.7	25.6	16.6
8	19.4	12.8	19.3	29.8	29.0	27.8	27.4	29.6	26.6	26.5	21.6	16.3
9	21.1	12.3	19.3	29.1	28.1	27.8	28.5	29.7	27.2	25.3	21.2	15.8
10	23.1	12.6	18.9	29.3	23.4	28.9	28.3	27.2	25.3	25.9	19.9	17.8
11	24.0	10.3	21.0	29.0	20.9	29.0	30.1	26.2	24.8	25.9	19.2	18.1
12	22.4	10.9	20.9	28.9	21.2	29.4	30.6	27.2	25.6	24.7	19.4	19.1
13	22.1	10.4	23.0	25.9	23.6	29.5	29.2	29.1	25.7	23.6	19.9	18.6
14	20.5	11.2	22.3	25.5	24.4	29.9	30.7	29.7	26.2	22.5	20.2	19.8
15	17.2	12.6	22.6	25.9	25.1	27.8	31.2	30.2	26.1	23.2	22.2	19.2
16	13.9	12.7	24.0	26.4	26.2	29.4	31.1	30.3	27.2	24.0	22.2	18.3
17	13.1	13.1	24.9	25.2	28.1	28.7	30.0	30.1	27.7	24.5	22.7	19.2
18	14.8	13.6	24.8	25.6	28.5	28.6	28.5	28.4	27.3	25.0	23.0	18.3
19	18.3	13.6	23.6	26.3	25.1	28.8	28.5	24.3	26.3	23.8	21.4	18.3
20	20.8	15.3	24.8	28.5	22.6	28.8	29.1	27.0	27.3	24.5	16.6	18.6
21	22.3	16.1	24.9	28.1	24.9	30.0	30.4	28.5	27.2	25.3	18.8	19.8
22	20.5	19.5	25.4	26.4	26.7	30.5	32.3	29.3	27.7	25.9	20.3	20.8
23	16.3	20.4	20.5	25.1	26.8	31.5	30.6	31.0	28.1	25.1	21.5	16.7
24	15.2	20.7	20.1	20.4	28.4	31.7	29.5	26.4	28.6	26.1	20.6	15.5
25	14.9	19.7	21.9	20.5	28.9	32.3	29.9	29.1	30.1	25.4	19.1	15.9
26	15.4	13.4	20.7	21.8	29.2	31.1	26.5	29.1	29.5	24.7	19.8	16.9
27	16.2	13.4	22.1	25.1	30.1	30.8	27.8	27.2	27.2	25.5	20.2	17.2
28	17.8	13.9	26.9	22.8	29.3	28.3	28.1	28.9	26.1	25.1	18.2	19.4
29	17.2	-99.0	27.3	24.1	30.0	28.2	27.7	29.4	25.1	24.3	15.8	20.3
30	16.1	-99.0	28.2	25.3	30.7	26.7	29.0	28.9	24.5	25.1	14.8	19.5
31	13.9	-99.0	24.0	-99.0	26.2	-99.0	29.1	27.3	-99.0	26.6	-99.0	17.0
2009												
1	14.2	17.4	24.0	19.9	23.9	28.2	31.4	27.4	27.8	26.0	23.6	20.1
2	13.9	19.9	19.8	20.0	23.9	30.7	30.2	27.6	27.2	26.1	22.9	19.9
3	15.4	20.1	21.5	22.1	23.9	30.1	30.7	29.0	26.2	25.6	20.1	20.1
4	16.7	21.4	23.9	24.4	22.0	28.1	30.2	29.5	25.0	25.6	18.5	19.2
5	18.3	20.2	27.1	24.7	24.1	27.8	26.8	30.9	25.6	25.8	20.4	19.4
6	18.3	19.8	20.0	19.6	25.0	28.2	27.9	29.4	27.8	25.8	20.8	19.7
7	18.7	18.6	17.5	20.9	27.0	30.3	28.5	27.6	27.6	24.6	23.9	21.3
8	17.4	20.5	19.2	21.0	27.3	30.9	28.8	24.9	27.4	24.3	25.5	22.0

9	14.3	20.2	19.1	22.7	28.4	32.0	29.7	24.9	27.4	25.4	26.3	22.5
10	13.0	20.3	21.2	25.7	28.1	31.0	30.3	25.5	27.7	25.7	27.8	22.1
11	12.1	21.0	23.8	26.1	27.3	30.4	29.6	27.3	27.2	26.0	28.3	22.2
12	13.7	24.7	25.8	26.6	26.3	30.7	26.6	27.2	28.7	26.4	28.3	22.2
13	13.4	25.0	23.5	29.0	26.5	30.4	28.9	28.3	27.9	25.5	23.4	22.4
14	12.4	24.5	16.2	26.7	26.6	29.2	29.2	28.6	28.9	25.0	21.5	22.3
15	14.4	23.1	16.6	27.4	27.0	28.9	28.2	27.4	29.1	24.3	23.7	23.8
16	14.9	24.5	18.9	29.8	28.0	27.1	26.0	27.8	29.1	23.8	21.9	21.6
17	16.6	24.1	22.2	29.8	27.6	27.7	28.3	27.6	28.4	24.9	16.0	18.3
18	19.3	23.6	24.4	30.5	29.4	29.0	29.0	27.1	28.5	24.3	14.5	15.9
19	20.1	24.9	25.5	30.5	27.1	30.8	29.2	27.6	29.2	24.1	13.9	14.9
20	19.9	24.6	25.7	27.0	26.4	30.3	31.2	26.8	29.8	25.8	14.3	13.7
21	21.4	24.7	26.8	25.8	26.3	31.6	27.8	27.5	28.6	24.0	14.3	13.4
22	20.8	27.2	27.9	26.6	26.5	32.2	28.0	27.2	26.0	22.8	15.5	16.1
23	20.0	27.2	28.8	28.6	26.3	31.1	29.3	26.6	24.9	22.9	17.0	19.3
24	16.4	26.3	25.9	30.0	27.4	30.5	31.4	26.5	23.9	24.3	17.8	21.2
25	14.2	26.4	23.7	25.0	27.5	30.7	31.9	27.9	25.4	25.3	20.3	21.6
26	14.8	25.2	23.6	22.8	27.3	29.5	32.2	28.0	25.6	25.1	22.4	22.5
27	13.3	25.3	24.9	22.8	28.9	29.8	30.6	27.9	26.1	24.7	22.9	23.1
28	16.0	25.6	26.9	23.8	29.5	29.8	30.7	27.5	25.1	23.7	22.4	16.6
29	16.4	-99.0	25.5	23.6	25.7	29.9	28.7	26.7	23.3	23.5	21.8	18.0
30	16.0	-99.0	23.1	23.9	23.1	32.1	26.0	27.5	24.7	23.8	20.6	20.2
31	17.3	-99.0	20.7	-99.0	25.8	-99.0	27.7	26.7	-99.0	23.9	-99.0	20.5

2010

1	20.9	24.2	27.7	26.6	26.4	33.0	29.5	29.3	27.5	25.5	18.9	20.4
2	21.2	24.8	27.2	25.9	26.7	28.7	30.2	26.2	27.8	25.1	18.6	19.6
3	19.9	24.6	27.6	22.6	27.3	24.6	31.4	27.9	27.3	24.2	19.5	19.8
4	21.4	24.0	27.2	24.8	29.3	24.9	31.5	27.3	28.3	22.5	19.7	19.1
5	23.3	23.9	27.0	28.0	31.1	27.1	32.1	27.0	28.4	20.3	19.6	21.2
6	23.0	25.2	26.4	28.8	33.3	27.8	34.0	27.4	28.5	21.2	20.8	21.2
7	19.9	24.7	22.3	26.3	32.0	28.6	34.6	26.9	29.9	24.1	20.9	21.6
8	17.3	25.5	22.3	22.5	31.7	30.8	33.8	27.4	29.8	25.2	20.3	17.1
9	19.6	26.8	16.0	24.1	31.9	31.6	33.2	27.3	29.5	25.4	20.9	18.4
10	22.6	26.6	13.6	27.9	27.9	30.9	33.4	27.1	29.7	26.7	22.1	19.7
11	20.6	26.1	16.1	29.5	26.9	30.6	33.4	28.6	28.0	27.9	20.7	22.1
12	16.0	22.4	19.3	29.7	28.2	30.5	32.4	28.5	27.7	27.2	21.2	24.5
13	13.0	19.3	23.3	29.4	29.7	31.0	29.2	28.1	27.1	26.9	20.8	26.1
14	14.5	20.4	26.5	27.9	31.0	32.7	26.1	28.6	27.2	26.3	21.1	25.4
15	16.4	19.6	25.5	24.3	28.8	32.0	29.2	28.2	25.7	24.5	21.7	25.5
16	16.5	17.0	22.7	19.6	29.7	31.9	28.4	27.1	25.6	22.9	22.8	16.1
17	16.1	15.0	19.6	20.6	29.5	33.0	25.4	27.9	26.8	22.4	20.9	13.6
18	16.5	13.2	20.3	23.6	28.4	32.2	28.6	28.1	26.7	24.0	20.9	15.8
19	18.1	12.2	22.8	26.1	30.9	31.7	29.5	26.8	26.7	23.4	21.4	17.2
20	18.6	14.6	23.9	28.3	33.8	31.6	29.9	26.1	28.7	23.7	20.6	20.5
21	20.5	17.4	24.7	31.2	32.1	29.5	28.9	25.8	29.0	22.6	22.3	19.7
22	22.3	20.1	25.3	29.6	31.4	29.1	28.1	26.0	28.1	22.1	23.6	19.8
23	18.5	21.3	27.4	22.0	31.9	29.9	28.4	26.5	26.9	23.1	23.4	20.8
24	17.5	26.2	26.7	21.0	26.9	30.6	30.0	24.9	27.3	24.6	23.9	21.6
25	17.9	25.7	20.2	24.4	28.9	32.2	27.7	27.9	28.0	24.9	22.9	22.8
26	17.1	25.7	18.3	25.0	28.8	32.0	26.8	28.4	27.8	24.3	19.7	14.7
27	19.3	24.8	17.7	23.1	30.4	31.8	26.1	27.5	26.9	22.7	20.1	16.5
28	20.9	25.4	18.6	24.4	31.5	32.2	28.5	26.2	27.0	17.3	20.8	17.2
29	22.1	-99.0	20.7	25.7	31.6	32.8	29.6	26.5	26.6	16.7	22.0	19.2
30	23.9	-99.0	24.1	26.5	30.7	30.7	29.2	26.5	26.2	16.5	22.4	19.5
31	24.3	-99.0	24.6	-99.0	31.5	-99.0	30.4	26.4	-99.0	17.4	-99.0	18.3

2011

1	18.4	12.5	20.9	18.9	26.5	27.3	27.0	26.1	29.0	22.5	23.3	22.2
2	20.3	12.6	20.6	21.1	27.7	27.9	29.9	25.0	27.9	23.2	23.0	16.2
3	19.8	15.0	18.5	22.2	28.0	28.5	30.3	26.2	27.9	21.1	22.1	16.4
4	17.0	16.9	17.1	22.2	26.1	28.3	29.4	28.8	27.5	21.1	23.3	18.8
5	16.5	18.3	18.4	20.4	25.5	29.2	29.7	30.2	27.6	20.0	22.9	19.1
6	16.4	19.1	22.0	21.0	28.0	30.4	30.7	28.4	28.1	20.4	23.5	19.3
7	12.9	19.6	19.3	21.7	28.7	29.8	33.0	27.3	28.0	21.2	23.7	20.3
8	13.5	20.0	15.7	22.1	29.3	30.2	29.9	27.3	27.7	22.1	23.1	19.3
9	14.1	22.3	16.2	21.3	29.4	31.1	30.4	27.9	26.0	23.3	21.7	15.0
10	11.7	21.7	16.5	22.0	30.1	30.5	29.9	26.9	25.6	25.4	20.9	13.0
11	11.4	21.8	17.0	21.3	30.8	30.6	30.4	27.0	24.6	25.0	19.8	12.8
12	10.1	18.2	17.5	21.5	29.2	30.2	29.7	27.8	25.8	24.7	21.6	13.5
13	11.9	16.2	19.8	23.2	25.8	30.3	28.6	27.8	25.8	24.7	21.5	13.0
14	14.6	14.2	21.6	23.9	26.2	29.7	26.8	27.8	27.2	24.3	22.0	16.8
15	14.2	14.8	21.8	25.9	25.2	30.6	26.4	27.4	26.3	24.3	22.3	16.5
16	13.1	16.8	12.4	27.1	26.2	31.8	27.8	26.4	26.3	22.0	23.5	14.8
17	13.8	17.8	10.7	27.6	24.1	30.2	27.6	24.8	27.3	21.6	23.8	14.1
18	13.9	17.6	13.2	24.0	24.7	30.0	29.0	26.0	27.7	22.8	23.3	14.8
19	15.2	17.6	17.3	23.0	24.4	27.4	28.5	26.3	28.1	22.6	23.4	14.9
20	15.1	16.7	21.8	22.4	26.6	28.8	28.2	26.1	26.2	21.9	23.4	16.1
21	13.2	16.2	24.9	25.4	28.3	29.7	28.8	26.8	25.5	23.2	22.1	17.4

22	13.2	17.2	20.1	25.8	29.7	30.3	30.6	27.2	23.8	23.5	22.2	17.1
23	14.3	17.9	15.9	23.6	25.2	30.0	29.2	28.7	24.2	24.6	22.5	16.9
24	13.5	20.6	15.5	22.6	23.1	26.0	29.0	27.8	23.1	24.3	19.7	14.3
25	13.2	22.3	14.3	23.9	23.3	28.0	28.4	27.6	24.0	24.0	20.3	13.1
26	13.5	22.8	13.4	24.6	24.6	28.9	29.5	26.2	22.3	23.1	22.2	13.8
27	14.0	21.7	13.2	26.0	24.2	30.0	29.6	27.6	22.8	24.5	22.8	14.7
28	13.9	22.4	13.5	25.6	24.3	28.9	29.0	27.8	26.5	25.1	23.1	15.4
29	11.8	-99.0	13.3	26.2	24.5	29.7	27.7	27.9	26.0	23.0	23.7	17.0
30	11.6	-99.0	12.8	27.5	25.4	27.2	24.7	27.8	23.9	22.4	22.8	17.5
31	12.4	-99.0	16.2	-99.0	26.2	-99.0	27.7	28.8	-99.0	22.6	-99.0	16.5

2012

1	16.6	15.6	18.8	20.3	30.7	27.7	27.4	29.3	28.3	23.7	21.7	27.0
2	17.1	16.5	19.8	22.4	32.4	27.8	27.9	28.5	26.0	25.2	21.9	22.2
3	18.7	16.0	21.0	21.4	31.3	28.3	26.7	28.5	26.3	26.2	24.0	20.4
4	16.7	16.3	23.3	24.9	29.2	29.0	27.6	29.9	25.5	26.9	23.5	20.7
5	13.3	19.4	26.3	24.0	27.5	30.2	26.5	30.1	24.6	26.7	24.6	20.0
6	14.5	24.8	26.6	24.6	26.9	29.6	28.7	30.5	25.1	26.3	25.0	18.7
7	15.0	18.6	26.5	22.4	27.5	28.8	28.6	28.4	25.8	24.8	25.9	19.0
8	15.3	15.8	23.5	22.3	28.2	28.9	29.2	27.4	27.6	24.1	26.3	20.1
9	15.8	16.1	20.3	-99.0	29.1	29.1	29.2	28.4	26.8	24.5	27.1	21.4
10	15.3	17.2	17.0	-99.0	29.2	31.8	29.6	28.8	27.1	24.1	27.8	22.9
11	15.3	16.4	16.5	-99.0	26.4	32.4	30.3	28.5	28.0	25.5	25.4	24.0
12	14.8	16.7	15.9	-99.0	26.4	31.9	30.2	29.7	27.0	26.0	20.8	22.0
13	15.4	19.2	16.3	27.6	30.3	32.7	30.6	28.8	27.4	25.5	21.7	20.8
14	17.6	20.9	17.1	28.3	29.8	-99.0	31.5	29.7	22.4	25.7	23.8	22.6
15	18.6	21.1	19.4	29.1	26.6	29.5	30.7	28.2	22.4	25.1	24.4	24.7
16	19.2	20.3	21.8	30.5	25.1	27.1	31.5	28.0	24.7	24.6	24.4	25.0
17	19.5	16.4	24.3	29.8	27.4	28.1	30.8	27.0	25.6	24.3	21.9	25.2
18	22.8	15.0	24.8	30.6	28.5	28.5	30.9	29.1	26.7	22.5	21.5	25.1
19	22.3	-99.0	24.7	30.1	30.0	30.8	30.3	29.1	27.3	24.4	23.4	19.5
20	23.0	15.0	26.4	30.2	30.6	31.5	29.7	28.7	27.7	25.1	24.8	22.6
21	23.6	18.8	25.1	24.5	30.6	30.5	30.6	28.8	28.3	25.5	25.9	24.3
22	20.9	21.6	26.2	24.3	29.2	29.0	31.8	27.3	27.9	25.7	28.1	12.4
23	15.3	23.8	23.6	27.3	28.2	31.1	26.8	24.5	28.3	24.3	26.7	12.4
24	14.6	24.4	17.6	31.5	28.6	28.9	27.9	26.4	28.5	24.9	24.1	14.8
25	13.8	21.7	16.9	30.5	29.1	28.4	29.6	26.5	27.9	24.9	24.8	17.4
26	12.9	19.2	22.7	25.3	28.5	31.0	29.8	28.3	26.7	25.2	26.2	19.4
27	15.6	16.1	20.5	24.0	27.0	31.3	29.5	28.8	26.5	23.9	20.0	19.5
28	17.0	15.6	21.4	28.5	26.3	29.9	29.6	27.8	25.8	23.9	21.4	20.1
29	17.0	-99.0	22.8	30.1	28.3	30.3	28.2	28.1	24.7	26.1	24.1	21.3
30	16.0	-99.0	24.1	30.3	28.1	29.6	26.7	29.4	23.9	25.9	25.7	16.0
31	15.0	-99.0	20.5	-99.0	26.4	-99.0	27.1	29.9	-99.0	22.2	-99.0	12.4

7777 VINH

1961

1	17.4	12.1	20.4	20.5	25.9	32.0	29.6	30.3	24.4	25.9	24.7	23.8
2	18.9	13.2	21.1	21.4	26.6	32.0	30.6	31.6	26.3	26.2	25.0	23.8
3	20.3	14.3	21.0	22.7	26.2	27.1	30.2	31.2	28.8	26.9	23.0	23.0
4	18.7	16.5	21.2	23.7	24.3	25.1	30.7	31.1	27.8	26.5	21.9	20.3
5	18.2	19.9	21.9	24.5	24.4	26.5	30.0	30.1	27.0	26.5	21.5	16.2
6	15.4	20.6	21.5	24.0	25.3	27.5	30.3	30.2	25.7	26.1	20.4	16.4
7	14.0	18.5	22.3	25.0	26.1	26.7	31.2	30.4	26.7	25.8	21.6	16.8
8	17.3	16.7	22.2	25.3	26.9	27.9	30.6	29.8	26.1	25.0	23.7	16.7
9	19.7	18.4	18.1	22.6	28.1	28.6	30.9	30.1	24.5	26.5	23.1	17.9
10	19.5	20.2	16.9	21.7	30.1	29.5	30.6	30.2	27.2	25.7	23.6	19.4
11	15.7	21.3	17.9	24.3	30.5	28.0	31.0	30.4	28.4	24.9	24.1	19.4
12	13.5	19.3	18.9	25.7	23.7	26.1	32.2	30.8	28.4	24.2	24.3	20.0
13	11.3	17.9	21.3	25.7	25.4	28.4	32.1	29.0	27.9	21.8	23.4	20.6
14	12.4	17.9	21.6	25.7	26.6	25.6	31.2	27.8	28.3	21.6	22.7	21.4
15	14.2	16.8	19.8	24.0	27.9	28.2	30.0	27.8	27.9	23.4	23.6	22.4
16	14.2	14.7	19.1	23.4	28.8	29.4	30.4	27.8	27.3	25.1	23.6	23.4
17	12.1	11.6	20.5	25.1	28.3	29.3	27.8	28.6	25.6	25.8	24.9	23.6
18	12.6	13.4	22.2	27.5	27.3	28.4	26.2	28.8	25.4	26.2	24.8	24.0
19	14.5	16.1	23.5	27.6	28.1	28.5	27.5	26.6	27.0	25.2	25.4	24.4
20	16.1	18.1	23.8	29.2	30.7	28.3	28.3	25.9	26.4	26.0	21.2	24.5
21	17.5	18.2	23.4	30.3	29.2	28.4	28.5	25.9	27.8	24.9	21.1	24.0
22	18.6	17.6	23.6	29.6	27.6	28.6	29.0	27.2	27.4	25.4	19.2	20.0
23	18.1	16.7	24.5	29.8	25.9	28.9	29.3	28.1	24.9	25.5	18.9	20.3
24	18.7	16.2	22.9	29.7	27.0	29.7	30.4	29.0	24.4	25.7	18.0	21.0
25	19.1	16.9	19.4	29.6	27.1	26.8	31.7	28.5	26.2	25.7	17.1	22.5
26	18.0	17.5	19.1	23.2	26.0	26.3	30.9	29.4	28.3	25.1	18.2	23.1
27	18.8	16.6	17.6	22.3	26.0	29.6	30.7	29.3	29.8	25.0	21.2	22.3
28	19.8	18.6	16.1	23.0	27.7	30.3	30.9	29.7	29.2	26.1	22.7	18.2
29	21.6	-99.0	18.1	23.8	26.8	27.5	31.0	28.8	28.6	26.0	24.3	15.9
30	22.1	-99.0	18.6	25.3	29.6	27.0	30.7	27.1	27.4	25.2	24.6	16.7
31	17.2	-99.0	18.3	-99.0	31.5	-99.0	29.6	25.1	-99.0	24.6	-99.0	13.4

1962

1	11.6	13.9	15.2	22.8	27.2	28.3	31.5	27.4	29.0	25.2	27.1	15.1
---	------	------	------	------	------	------	------	------	------	------	------	------

2	11.4	16.0	15.6	22.5	28.7	28.0	30.5	27.7	29.9	26.0	26.6	14.6
3	12.1	16.0	16.0	19.2	29.7	29.1	29.6	28.4	27.7	27.4	24.9	15.4
4	13.9	15.6	18.4	17.8	30.1	29.2	28.9	27.5	25.2	27.5	19.2	16.0
5	16.2	15.5	19.7	20.3	29.8	29.0	28.5	27.1	22.8	26.8	18.8	15.4
6	16.1	17.4	20.7	23.3	27.4	30.4	28.1	26.7	25.9	25.7	21.2	15.8
7	17.6	18.1	22.0	24.2	28.4	29.6	28.4	28.1	26.7	26.2	22.8	16.7
8	15.2	18.8	21.8	24.1	29.3	26.4	29.1	27.0	25.0	25.8	21.5	16.9
9	14.2	19.5	22.5	23.4	27.1	27.8	30.1	27.0	25.5	26.5	22.1	18.6
10	15.8	20.8	21.9	23.6	25.1	27.1	30.2	27.3	25.3	26.7	21.6	20.2
11	17.2	21.5	20.5	24.3	26.6	29.4	26.7	27.0	26.4	27.1	21.3	20.4
12	18.0	22.1	20.5	24.7	27.3	30.6	27.5	27.8	27.1	27.3	21.8	20.8
13	19.1	22.6	21.5	21.6	27.2	30.5	26.7	28.4	27.3	27.3	22.9	21.2
14	19.8	17.1	22.8	20.0	28.9	29.3	27.2	28.3	27.2	26.6	22.9	22.0
15	21.2	14.9	22.4	21.6	29.1	28.1	27.7	28.4	27.7	20.4	23.8	22.3
16	17.5	15.8	23.0	23.5	29.1	27.8	28.0	29.3	26.1	20.8	24.2	21.8
17	15.4	16.6	22.8	23.5	29.2	25.6	28.2	30.4	26.7	20.5	23.6	19.7
18	13.7	17.9	22.8	21.1	24.2	26.4	27.2	29.4	26.3	22.6	23.8	19.9
19	12.3	17.1	24.9	20.7	23.5	28.7	29.3	28.6	26.9	24.1	24.0	21.0
20	13.1	17.6	28.9	21.8	25.1	29.2	30.8	28.8	27.5	23.6	24.3	19.3
21	14.0	18.5	26.6	24.4	26.2	30.9	31.0	29.2	28.0	22.2	24.2	18.8
22	15.3	19.1	19.8	25.2	27.4	32.0	31.3	29.8	25.4	22.3	20.4	17.0
23	15.6	19.4	15.9	25.0	28.0	32.2	30.7	29.3	26.5	23.4	16.6	16.9
24	15.0	21.3	13.8	24.7	28.0	31.8	30.0	26.7	26.1	21.1	18.6	16.9
25	15.5	21.2	15.3	22.5	28.8	28.6	30.1	26.6	26.8	22.0	21.5	17.7
26	15.1	20.0	17.3	23.4	31.0	30.7	30.6	28.2	25.2	20.0	21.0	18.6
27	13.6	17.8	17.5	24.2	31.8	31.5	31.5	29.0	24.2	21.9	17.5	19.0
28	14.5	17.0	18.9	25.2	33.0	30.7	29.3	29.7	24.9	22.5	15.9	21.0
29	16.9	-99.0	18.5	25.3	32.7	30.1	29.5	29.9	25.4	23.0	14.6	21.5
30	16.0	-99.0	17.6	25.6	29.8	30.0	30.1	29.0	25.6	24.7	14.3	17.8
31	14.1	-99.0	20.1	-99.0	29.8	-99.0	28.7	26.2	-99.0	25.5	-99.0	16.3
1963												
1	17.6	16.7	17.8	22.0	25.4	31.5	30.2	27.3	28.3	25.4	22.8	21.9
2	16.1	17.5	17.8	22.2	25.4	28.7	29.2	27.5	28.4	24.3	23.9	21.5
3	16.1	18.4	19.2	22.4	25.1	26.0	28.5	26.5	28.1	26.1	23.0	16.8
4	17.9	18.0	20.3	23.5	26.0	27.2	26.6	26.7	28.0	25.3	23.7	16.7
5	16.9	19.4	20.7	23.8	26.3	27.6	27.9	27.1	28.2	23.5	24.0	18.6
6	15.5	20.5	20.0	24.2	26.9	27.8	30.5	27.4	28.9	22.2	24.5	20.4
7	15.3	19.9	20.2	23.1	26.8	29.1	30.6	27.1	27.9	23.2	23.9	21.8
8	13.6	18.5	20.7	15.9	25.5	27.8	31.3	26.4	26.4	25.6	23.9	22.8
9	15.3	14.0	21.9	17.0	26.1	28.2	31.2	26.8	24.2	26.4	23.3	23.2
10	15.6	14.2	22.8	18.2	27.3	25.8	32.0	28.2	26.9	26.7	24.2	17.8
11	14.5	13.3	23.2	20.2	27.9	27.2	32.0	28.2	27.7	26.6	23.9	16.4
12	13.0	13.8	22.3	21.5	27.3	28.0	30.9	28.3	28.7	27.4	24.1	16.8
13	13.2	15.1	16.8	23.0	27.6	29.2	30.4	28.9	29.7	25.1	24.8	17.5
14	12.8	15.7	14.9	22.9	27.4	28.7	28.7	30.0	30.1	24.9	25.1	19.4
15	11.7	15.9	13.8	23.2	26.8	27.4	27.4	30.6	31.0	26.1	24.7	21.3
16	12.6	16.8	15.9	25.0	25.8	25.8	28.4	31.4	29.1	26.7	24.5	22.2
17	13.7	18.5	16.6	24.9	27.3	27.8	30.1	28.8	28.8	23.1	24.9	21.9
18	14.5	19.7	18.4	24.4	26.3	29.3	31.1	29.1	26.5	21.5	25.0	20.0
19	15.3	19.4	19.9	24.6	27.0	29.1	29.4	28.8	28.6	22.1	25.1	19.2
20	16.9	19.8	21.1	25.8	27.9	28.4	28.6	28.6	28.0	22.7	23.9	18.2
21	17.3	17.3	21.9	26.2	26.5	28.7	26.8	28.2	28.0	20.9	24.1	17.6
22	17.2	14.9	21.4	25.1	26.2	29.4	27.2	28.6	27.9	20.1	24.6	16.6
23	16.8	15.9	21.0	24.3	26.7	28.3	28.3	26.8	27.3	20.9	24.0	17.9
24	15.2	16.6	21.4	24.8	26.7	28.3	25.6	27.7	25.0	23.2	24.9	19.4
25	14.8	17.6	22.8	24.6	27.0	28.8	25.8	27.6	23.6	23.5	20.1	19.7
26	14.1	17.1	23.2	24.8	27.0	28.9	26.9	28.0	23.9	22.5	21.3	19.5
27	13.7	17.1	23.6	24.3	27.3	28.2	26.6	28.0	25.6	21.8	20.1	16.7
28	14.2	16.1	19.4	25.1	27.6	29.8	26.2	27.6	26.8	21.7	21.7	16.6
29	15.9	-99.0	19.5	25.0	28.0	30.2	27.7	28.1	25.8	21.8	23.0	18.7
30	17.4	-99.0	19.3	25.8	29.0	30.0	27.8	25.3	26.2	22.1	22.9	20.4
31	16.5	-99.0	20.6	-99.0	30.4	-99.0	28.0	27.7	-99.0	22.9	-99.0	21.8
1964												
1	22.9	14.3	17.1	21.3	24.2	31.6	28.6	32.5	27.3	23.1	24.2	23.4
2	18.7	14.4	18.1	22.6	24.9	29.2	28.2	32.2	28.2	23.7	23.7	23.1
3	15.9	14.6	19.8	23.6	26.1	28.6	26.4	31.9	29.1	24.8	23.2	18.3
4	17.0	15.9	20.9	25.2	25.7	23.6	27.2	30.5	29.6	26.2	22.0	13.1
5	18.5	17.3	22.0	25.3	24.1	21.5	26.4	28.2	28.0	26.1	22.6	15.0
6	20.0	18.9	22.4	24.1	25.0	24.7	29.0	27.2	28.6	26.7	23.3	15.9
7	21.3	20.6	19.6	23.4	25.6	27.4	28.0	27.1	28.1	24.9	20.5	17.1
8	21.3	22.0	18.5	23.5	26.4	28.9	27.9	30.0	27.5	22.3	20.9	19.1
9	22.1	22.7	17.3	24.5	27.9	29.3	28.4	29.2	27.7	22.6	19.8	20.9
10	21.9	22.2	16.8	25.1	28.5	30.0	29.4	29.6	27.7	22.4	18.7	21.4
11	21.2	21.5	17.4	24.3	22.2	30.2	28.9	30.0	28.8	24.8	19.1	20.0
12	21.9	16.7	19.2	25.3	23.2	31.2	28.4	29.8	29.0	25.7	19.4	20.1
13	23.0	15.4	18.9	25.2	24.4	31.2	28.5	27.7	27.8	26.9	19.6	20.0
14	22.9	17.4	19.4	25.2	26.2	30.3	29.9	27.4	26.2	27.6	18.6	19.7

15	22.6	19.4	20.1	24.6	27.1	30.5	30.9	26.0	26.2	26.8	18.7	16.7
16	22.0	20.6	20.3	25.0	28.0	30.8	31.9	27.7	26.1	25.8	19.3	16.2
17	21.6	20.3	22.1	24.8	28.2	31.1	31.1	28.3	26.5	27.3	19.6	16.1
18	15.0	18.0	22.6	24.6	29.1	32.4	31.6	29.4	26.4	26.3	18.2	14.3
19	13.5	17.3	23.5	25.1	30.4	31.2	31.6	29.5	26.9	26.3	18.0	13.8
20	14.6	13.5	23.6	25.8	30.2	28.5	32.1	29.5	27.6	26.5	19.9	15.7
21	17.6	11.8	23.6	26.2	28.6	29.0	30.3	27.1	27.8	26.3	20.3	17.1
22	23.0	13.3	23.9	26.0	28.1	29.1	27.9	27.3	25.4	25.3	19.1	17.9
23	20.4	13.6	23.8	25.9	28.1	29.3	28.1	27.6	26.0	22.6	18.7	19.5
24	15.0	11.6	20.7	26.8	28.3	29.4	28.9	25.5	26.8	21.3	19.0	20.5
25	13.4	10.4	15.7	26.8	28.4	29.0	29.0	28.1	26.4	20.7	18.8	20.2
26	13.6	10.4	16.9	26.4	27.2	29.1	28.8	28.2	26.7	22.8	18.8	18.3
27	14.1	12.6	19.3	27.1	26.6	31.0	28.6	28.4	26.4	24.3	19.3	15.8
28	13.2	14.7	19.9	27.1	27.2	32.0	29.2	28.5	25.4	24.4	20.0	16.0
29	12.8	15.9	20.6	26.6	29.0	32.8	30.9	27.7	23.3	25.2	21.4	17.2
30	12.4	-99.0	20.8	26.0	28.6	30.8	31.9	28.0	23.4	25.2	22.6	18.3
31	13.2	-99.0	21.0	-99.0	29.9	-99.0	32.6	27.5	-99.0	23.9	-99.0	17.7

1965

1	17.1	21.1	20.1	24.6	24.0	27.9	28.7	29.0	29.1	27.8	26.6	18.8
2	18.2	18.4	21.4	28.3	21.1	28.7	29.2	29.1	27.0	28.0	26.2	21.3
3	19.7	16.8	21.1	29.3	22.6	30.4	31.1	29.9	27.5	28.1	25.4	22.1
4	20.4	18.6	17.6	28.1	24.6	30.8	31.2	31.5	28.5	28.1	24.3	21.9
5	20.4	20.6	16.7	25.5	25.8	26.6	30.4	31.4	29.3	27.8	24.1	22.8
6	21.3	15.9	16.0	22.6	26.6	28.6	31.0	31.2	27.3	27.8	25.7	22.7
7	16.4	16.6	14.3	23.9	28.1	28.1	29.7	28.9	26.1	28.1	26.0	19.7
8	15.1	18.8	14.0	24.6	28.7	28.9	31.2	30.2	26.5	27.8	25.8	18.7
9	17.0	20.6	14.8	25.0	31.0	28.3	30.4	30.3	26.5	27.6	24.6	18.8
10	16.9	21.9	17.3	25.6	31.7	27.4	29.8	30.3	27.0	27.2	22.4	19.8
11	16.1	22.1	18.8	20.9	30.7	26.9	28.1	30.1	27.6	24.2	22.5	18.6
12	14.9	22.7	19.4	20.7	30.0	25.9	26.9	29.2	28.6	25.3	23.6	19.2
13	15.9	22.1	20.2	22.2	29.6	27.0	27.0	28.2	25.9	26.7	24.1	21.3
14	14.9	22.2	20.3	24.0	32.0	27.8	28.7	27.7	25.3	23.6	23.3	22.6
15	16.7	21.9	20.2	25.4	31.9	28.7	30.6	27.3	26.3	22.3	24.8	22.4
16	16.4	22.5	20.0	25.5	26.2	29.6	29.7	28.2	26.0	22.9	25.7	22.2
17	17.1	22.8	19.2	26.1	27.2	29.9	29.7	28.7	25.9	22.5	25.1	12.2
18	17.3	23.4	20.5	23.6	27.3	30.2	30.0	25.9	26.1	23.6	25.4	12.1
19	17.9	23.4	20.8	24.3	27.8	28.2	30.9	25.4	26.3	24.0	24.8	14.2
20	17.9	23.7	22.7	26.3	26.8	26.2	32.6	25.8	24.6	23.3	22.0	17.6
21	18.4	24.0	23.4	28.6	26.8	27.2	31.3	28.3	26.3	22.6	21.0	19.9
22	19.0	24.0	23.2	29.1	27.4	26.5	26.9	28.1	26.7	22.7	20.9	21.3
23	18.5	21.7	23.8	28.1	27.6	27.9	29.3	28.2	27.1	23.5	22.3	22.5
24	18.4	19.0	23.8	28.3	28.0	29.2	28.5	28.0	26.5	24.8	23.9	20.7
25	18.3	16.9	23.9	26.7	27.6	29.7	26.4	28.6	25.8	26.1	20.4	18.2
26	19.0	15.2	24.4	26.9	27.5	31.0	26.1	28.2	27.1	26.9	19.0	18.8
27	20.2	16.3	21.1	27.7	28.7	30.1	28.9	25.5	27.9	26.4	18.1	15.4
28	21.3	17.5	21.6	30.3	27.5	29.0	30.1	25.9	28.9	24.6	18.5	16.0
29	22.3	-99.0	23.7	25.0	25.0	25.9	28.5	27.8	28.7	25.6	19.6	15.2
30	22.2	-99.0	24.7	24.1	23.8	27.8	27.5	29.2	27.5	25.7	20.4	14.9
31	21.6	-99.0	25.1	-99.0	26.2	-99.0	28.3	29.8	-99.0	26.2	-99.0	13.6

1966

1	14.5	20.2	22.8	21.9	27.8	31.3	30.8	28.8	24.8	25.4	22.9	14.8
2	17.9	21.2	22.5	22.8	27.6	30.7	31.3	25.2	25.6	25.7	22.5	14.2
3	17.5	22.8	24.9	24.5	23.3	31.6	30.4	26.2	26.9	25.7	22.1	14.6
4	18.4	22.9	25.5	26.2	22.2	27.3	30.1	27.7	28.1	26.3	22.4	16.7
5	18.9	18.7	24.6	23.1	23.4	27.6	31.2	27.4	28.2	25.8	23.0	18.1
6	19.0	19.3	26.5	22.9	24.7	27.1	31.8	27.9	28.2	25.5	22.9	18.4
7	20.0	20.0	27.4	24.2	25.7	28.4	31.7	28.1	27.7	25.2	22.6	20.3
8	20.0	20.4	20.1	25.1	26.1	31.0	31.5	28.3	26.0	25.1	23.0	21.6
9	21.6	22.4	16.5	25.6	27.2	29.5	30.3	29.0	25.1	26.3	24.0	21.5
10	21.7	22.6	17.0	25.5	31.6	31.3	29.7	29.6	25.5	26.7	24.9	21.4
11	21.6	23.4	18.3	25.7	33.2	32.0	29.6	30.1	27.1	27.3	24.4	21.5
12	22.0	22.4	20.8	25.0	34.0	30.8	29.4	30.1	27.9	27.1	23.8	21.5
13	22.9	16.2	22.5	25.3	32.3	27.1	29.4	30.0	27.4	27.4	26.0	21.6
14	23.5	16.5	23.9	26.5	29.4	28.9	29.9	30.5	27.6	28.2	23.4	22.7
15	21.6	19.0	24.2	25.3	25.8	29.7	30.7	30.1	27.5	22.6	18.3	23.2
16	22.2	21.7	24.1	24.7	25.3	29.5	28.8	28.7	26.7	24.0	21.1	23.6
17	23.6	22.5	26.9	24.8	24.8	28.9	27.4	30.2	26.5	22.8	21.7	24.6
18	23.6	22.3	27.0	24.5	26.6	28.3	27.1	31.4	26.0	20.7	20.4	25.2
19	22.3	22.7	17.7	25.4	23.0	29.1	27.0	31.3	25.6	21.1	22.3	24.6
20	19.4	22.8	20.1	26.5	21.0	30.5	28.2	27.2	25.5	22.0	20.7	24.5
21	16.3	23.3	23.4	25.1	23.8	31.9	28.9	23.9	25.2	23.9	18.2	23.8
22	18.1	23.9	26.1	26.8	25.2	31.1	28.7	26.0	25.8	24.0	19.7	22.5
23	20.1	14.6	25.2	27.5	25.2	29.9	28.8	25.4	26.8	23.6	20.5	21.7
24	21.5	12.6	24.2	27.9	25.7	29.9	29.2	27.1	25.9	23.7	21.8	21.6
25	19.5	14.8	23.8	29.5	25.3	29.6	28.9	27.2	25.4	24.0	20.9	23.3
26	19.0	16.1	20.4	31.4	26.0	29.3	30.2	26.2	24.6	24.6	18.3	18.5
27	21.1	19.0	19.0	27.9	27.2	30.2	29.7	26.2	24.8	26.0	19.3	12.9

28	14.9	20.8	20.0	29.1	27.8	30.8	29.8	27.0	24.9	20.4	21.4	12.7
29	15.1	-99.0	20.1	30.8	28.4	30.9	29.9	26.8	25.2	21.3	23.2	14.8
30	16.8	-99.0	20.5	28.0	30.0	32.0	29.3	26.3	25.0	22.3	18.4	17.7
31	19.3	-99.0	21.9	-99.0	31.0	-99.0	28.4	25.0	-99.0	23.0	-99.0	18.5
1967												
1	15.5	12.3	15.8	21.3	29.4	27.8	32.1	31.3	28.8	26.5	25.7	15.6
2	14.1	11.8	18.2	21.9	27.3	28.7	31.2	31.6	30.0	25.5	24.5	15.4
3	12.3	12.5	19.2	22.6	26.9	27.6	30.9	32.5	30.1	22.4	24.4	17.0
4	12.9	13.7	20.2	20.6	27.6	26.7	32.2	32.6	29.9	23.1	21.4	19.8
5	13.5	15.3	17.0	18.7	27.7	26.6	33.7	32.0	26.5	23.7	22.6	21.6
6	15.4	17.4	13.0	19.7	27.6	29.1	33.0	31.4	25.5	24.1	23.1	20.8
7	17.0	17.6	13.0	20.9	27.3	28.7	33.3	31.4	26.9	24.7	23.5	17.6
8	15.4	18.8	14.8	22.6	25.5	25.4	30.8	30.7	27.0	24.5	24.2	14.7
9	13.9	19.0	14.8	23.4	25.2	25.1	31.8	29.1	27.8	22.7	24.7	16.3
10	13.9	16.5	15.6	24.6	25.7	26.5	31.8	30.1	28.6	22.0	24.1	14.1
11	11.5	12.9	17.6	24.2	25.8	26.0	32.6	30.2	27.0	24.9	25.3	13.4
12	12.2	13.1	18.9	23.9	26.4	27.2	33.8	30.6	25.2	26.0	19.3	13.4
13	14.2	14.0	19.9	21.4	27.8	27.9	33.6	32.4	26.6	26.6	17.3	12.2
14	14.3	13.0	20.4	21.5	27.4	28.8	31.0	32.3	23.6	26.4	17.8	13.3
15	13.9	12.1	21.7	21.7	27.6	29.0	29.7	28.4	24.1	25.2	19.0	14.4
16	11.7	15.0	22.0	21.2	27.7	29.1	29.0	27.6	23.5	24.6	20.6	17.0
17	11.1	15.5	22.4	22.4	27.3	31.7	29.2	28.1	23.7	22.6	21.5	17.7
18	11.6	15.8	23.1	23.6	27.4	32.1	29.2	29.5	22.9	22.7	21.4	16.9
19	13.6	16.7	23.2	21.8	29.4	32.3	29.1	27.5	23.6	21.6	22.3	17.9
20	15.7	19.3	23.2	22.1	30.2	32.8	29.3	26.3	24.9	19.3	22.4	19.4
21	16.7	20.8	23.1	23.2	31.6	32.9	30.3	28.2	26.6	21.3	21.8	20.0
22	17.7	21.0	23.3	24.6	32.2	32.9	30.7	30.4	24.0	23.2	20.7	19.9
23	17.6	21.2	23.4	25.7	31.4	31.8	31.2	31.4	21.4	23.7	21.1	20.2
24	18.0	19.6	21.2	22.4	32.1	30.1	30.6	30.6	21.9	23.8	22.8	19.3
25	18.7	16.7	22.9	22.6	31.8	28.8	27.6	29.3	23.1	24.1	22.8	19.1
26	19.7	13.9	23.8	23.4	31.6	29.0	28.3	25.2	24.6	23.8	23.8	20.7
27	20.8	11.8	24.9	24.9	30.5	29.2	28.1	26.5	26.0	23.8	22.3	19.9
28	21.3	12.8	24.8	27.6	29.8	29.0	28.8	27.5	27.3	23.9	22.4	16.9
29	21.2	-99.0	24.3	29.3	29.2	30.3	29.1	29.0	27.4	23.7	23.4	11.4
30	17.2	-99.0	24.9	29.9	29.8	32.5	27.7	30.3	27.4	24.0	16.3	11.8
31	13.8	-99.0	26.6	-99.0	31.8	-99.0	29.3	30.7	-99.0	25.1	-99.0	12.7
1968												
1	13.3	22.0	16.1	21.0	21.5	25.0	32.1	29.4	26.9	25.6	25.7	25.8
2	14.9	16.9	13.4	22.2	22.4	25.7	31.2	28.0	28.2	25.0	24.5	25.1
3	15.6	14.5	15.0	21.6	24.6	26.6	30.9	28.5	27.8	26.0	24.4	25.5
4	15.1	13.8	17.2	19.3	27.0	27.0	32.2	27.7	26.1	26.3	25.5	25.5
5	15.8	13.3	18.2	19.4	27.0	27.4	-99.0	27.4	25.9	27.5	23.9	21.6
6	17.0	12.4	19.8	19.8	25.6	28.0	33.0	27.8	26.7	29.1	25.2	21.7
7	18.9	11.7	20.2	22.1	26.1	28.4	33.3	28.6	26.1	29.8	26.7	24.3
8	18.3	10.7	19.2	23.7	26.3	29.2	30.8	29.0	28.1	27.2	24.2	25.7
9	16.5	11.6	16.9	24.6	26.2	26.5	31.8	29.2	26.8	25.4	24.7	23.4
10	17.5	10.7	17.8	24.8	27.0	26.2	31.8	28.9	26.9	25.3	24.1	23.3
11	17.8	12.0	18.6	20.2	27.2	29.2	32.6	29.0	27.1	23.6	25.3	23.8
12	18.4	11.8	18.5	18.2	26.9	29.2	33.8	27.6	26.4	24.9	23.6	23.6
13	17.9	11.4	19.2	18.9	25.4	30.0	33.6	26.2	25.7	25.5	23.3	23.3
14	18.6	12.0	20.8	21.0	25.7	31.0	31.0	28.0	25.8	25.3	23.5	22.5
15	17.5	13.1	21.7	22.6	27.4	31.2	29.7	28.2	27.1	24.4	23.7	21.8
16	16.1	13.0	22.1	23.8	28.0	31.3	29.0	28.5	28.6	23.5	22.7	22.6
17	16.7	13.4	21.9	24.5	29.4	29.2	29.2	28.3	28.6	24.3	22.8	22.8
18	18.2	13.6	22.7	25.0	30.2	29.5	29.2	25.3	28.9	23.5	22.9	22.4
19	19.1	14.1	23.5	24.5	30.0	30.5	29.1	26.1	28.5	22.2	22.3	22.6
20	18.7	13.3	23.8	20.1	28.6	31.0	29.3	27.9	28.8	22.6	22.4	23.0
21	19.3	13.7	23.1	22.0	29.4	30.8	30.3	29.5	24.0	21.6	21.8	22.9
22	20.3	14.1	23.1	22.4	29.8	31.0	30.7	30.5	25.1	23.3	20.7	22.6
23	20.9	13.8	23.5	23.9	31.1	31.3	31.2	31.1	25.2	23.6	21.1	22.5
24	21.4	13.4	22.7	24.5	32.0	30.8	30.6	30.8	26.2	22.4	22.8	22.3
25	21.0	13.4	16.4	23.7	32.5	29.5	27.6	31.2	25.4	22.0	22.8	22.9
26	20.4	12.1	16.0	21.3	30.7	29.9	28.3	31.1	25.8	21.9	23.8	23.9
27	21.4	13.8	17.4	20.8	29.2	30.5	28.1	31.2	26.6	22.7	22.3	24.2
28	20.6	15.5	19.4	21.6	24.9	29.4	28.8	31.8	27.6	23.7	22.4	23.0
29	20.8	16.4	19.9	21.4	26.0	29.4	29.1	31.6	25.4	24.0	23.4	21.8
30	21.0	-99.0	21.2	20.5	27.8	30.6	27.7	29.4	25.6	22.9	22.1	22.1
31	21.5	-99.0	20.4	-99.0	26.3	-99.0	29.3	28.8	-99.0	23.8	-99.0	-99.0
1969												
1	22.3	13.5	17.2	19.0	26.2	26.8	29.3	30.4	27.9	25.2	23.1	18.0
2	20.4	14.0	17.1	20.0	26.8	27.0	28.3	30.9	26.2	24.1	21.4	19.0
3	17.6	15.1	18.2	22.3	27.2	28.5	29.6	31.8	27.6	24.5	21.0	16.1
4	18.3	13.0	17.6	20.8	27.4	30.2	30.6	30.0	25.5	24.6	20.2	15.3
5	16.9	12.3	16.4	15.4	27.8	31.1	30.9	28.7	25.5	24.6	20.0	16.7
6	14.1	11.9	16.6	16.7	26.0	27.0	31.2	30.2	26.8	24.8	19.5	18.5
7	13.3	12.8	17.6	18.3	26.6	28.0	31.7	29.6	26.7	24.7	19.7	19.4
8	16.3	14.0	18.3	20.0	25.9	30.5	31.0	27.2	26.3	23.7	20.3	19.3

9	18.6	15.0	17.2	20.8	26.7	31.4	31.6	27.0	27.5	24.3	20.3	15.0
10	20.8	18.5	17.2	21.0	28.7	31.9	31.1	27.7	28.2	24.2	20.9	14.2
11	22.5	19.5	17.0	23.5	28.9	28.1	28.8	28.2	28.6	24.2	20.6	14.6
12	18.6	21.3	16.6	24.6	31.4	28.3	28.7	26.9	28.2	23.9	21.6	16.5
13	15.3	22.2	16.5	25.0	32.8	30.5	30.1	27.2	26.4	25.4	23.6	17.9
14	16.7	23.0	17.3	25.5	31.8	31.3	31.1	27.4	27.6	26.2	24.7	15.4
15	13.9	22.4	18.1	25.2	29.8	31.3	32.3	27.2	26.4	26.3	25.1	17.0
16	13.6	23.1	17.7	25.2	30.2	29.6	32.3	26.8	26.5	26.4	26.1	17.8
17	15.4	23.3	18.6	24.8	30.1	26.8	30.2	26.7	24.8	27.1	20.6	17.5
18	18.4	23.2	19.5	25.5	30.3	24.1	28.0	26.6	23.3	27.7	16.6	16.6
19	20.8	24.3	20.7	26.3	32.2	24.9	27.3	27.7	23.8	27.1	17.9	17.6
20	22.3	21.3	22.2	26.3	31.5	26.4	26.9	27.8	24.2	28.7	18.7	16.4
21	23.3	18.3	21.9	26.1	30.9	28.2	27.3	28.6	25.9	27.8	20.2	16.8
22	21.3	15.2	23.0	26.1	31.6	28.7	28.1	28.9	27.2	26.9	20.2	16.8
23	20.9	16.8	23.1	26.6	32.2	29.1	25.4	28.8	27.8	26.5	20.0	17.3
24	21.8	17.6	23.8	26.3	31.7	29.3	25.5	30.7	27.8	26.3	17.0	18.1
25	22.7	18.7	23.4	26.7	31.2	29.6	28.3	30.9	27.9	27.1	16.2	19.2
26	23.1	18.3	24.5	26.1	29.4	29.9	28.4	31.3	27.8	24.2	15.9	21.0
27	23.1	15.6	24.3	26.0	24.1	29.8	28.3	29.8	28.5	21.6	16.1	19.2
28	24.3	15.8	24.8	26.0	25.5	30.3	29.2	28.0	28.2	23.1	15.9	15.5
29	23.9	-99.0	23.9	26.4	26.5	30.5	30.3	27.7	26.3	24.1	17.1	17.5
30	21.3	-99.0	19.7	26.4	26.2	30.6	30.1	28.0	24.8	25.1	16.0	18.1
31	15.1	-99.0	18.2	-99.0	25.5	-99.0	29.7	28.2	-99.0	25.6	-99.0	18.4

1970

1	19.5	17.9	19.2	23.0	28.9	27.7	29.2	27.9	27.2	21.0	18.1	16.6
2	19.0	19.3	20.4	18.4	26.9	28.5	29.7	28.8	27.5	22.7	17.9	18.2
3	19.6	19.5	19.5	19.9	26.0	29.2	29.9	30.8	27.7	23.3	19.4	18.2
4	18.7	19.8	16.8	20.7	26.6	28.9	29.3	31.6	25.3	23.4	20.1	17.9
5	18.7	16.4	16.4	20.9	26.8	30.0	29.7	30.4	24.0	23.3	19.6	18.5
6	15.7	17.0	17.9	21.6	27.1	30.8	30.5	28.1	26.2	24.0	19.2	19.5
7	14.5	18.1	18.9	21.4	27.5	29.6	30.9	28.8	26.8	25.2	20.2	19.8
8	14.9	19.5	17.1	23.2	28.9	28.9	27.8	30.4	28.5	25.9	19.7	18.5
9	15.1	19.2	18.1	25.3	32.1	29.4	30.0	29.8	29.0	25.0	18.7	17.0
10	13.4	18.4	19.4	27.1	31.7	29.1	30.0	28.1	28.3	25.0	18.7	18.5
11	13.5	14.9	20.6	25.9	28.9	27.6	30.8	28.2	27.0	25.1	21.8	20.5
12	15.6	14.5	21.6	18.9	31.6	26.8	31.0	29.2	26.3	24.2	22.9	20.9
13	17.6	17.1	21.1	16.9	28.5	25.0	31.7	28.9	27.4	25.6	23.3	19.7
14	18.9	19.2	19.5	18.2	23.6	25.3	30.6	28.5	28.7	26.1	24.3	17.9
15	16.5	19.0	19.8	20.2	23.7	27.3	29.6	28.7	28.8	26.2	20.0	17.4
16	13.9	17.6	17.0	22.2	24.7	27.9	29.7	27.9	29.3	26.0	16.1	19.1
17	13.7	18.7	16.9	23.9	24.5	27.9	30.0	26.4	29.6	26.3	17.3	19.9
18	13.3	20.3	15.4	24.5	26.0	28.7	29.8	26.0	29.5	26.5	19.3	20.9
19	12.0	20.8	16.1	25.3	25.1	30.1	30.3	26.1	28.7	25.0	20.2	21.4
20	13.7	21.4	17.0	23.3	20.7	30.1	29.9	26.7	27.6	23.7	20.5	20.2
21	14.8	22.2	18.4	23.6	22.7	27.8	28.9	28.0	27.2	22.1	21.1	20.8
22	17.4	21.9	16.9	24.9	24.8	25.8	29.5	28.3	27.5	22.5	18.7	21.0
23	18.2	21.9	16.5	24.5	26.3	25.7	30.2	26.3	27.9	24.8	18.7	22.8
24	15.8	23.2	17.3	23.6	28.6	28.9	29.2	26.0	27.1	25.1	20.5	22.4
25	15.4	23.3	16.8	24.0	29.3	30.5	27.0	27.0	26.3	25.6	22.0	17.7
26	16.3	22.9	16.3	24.9	28.9	29.5	27.8	26.7	26.4	25.1	22.8	16.2
27	18.2	23.2	17.6	21.0	29.7	28.5	28.4	27.1	24.2	17.2	22.9	16.3
28	18.4	21.1	18.5	22.8	30.6	26.9	29.3	28.9	24.3	18.1	21.3	16.2
29	17.7	-99.0	20.6	24.9	29.9	27.2	29.9	30.4	20.5	20.3	17.5	16.2
30	15.4	-99.0	22.1	28.2	29.6	29.3	29.5	30.5	18.0	17.1	15.6	16.2
31	14.8	-99.0	23.4	-99.0	28.9	-99.0	28.7	28.5	-99.0	16.9	-99.0	14.6

1971

1	14.9	10.9	23.1	23.6	26.2	28.8	30.8	31.2	27.2	27.8	20.8	16.6
2	15.5	11.6	24.4	25.4	26.1	29.9	30.3	30.6	27.7	27.0	22.0	17.6
3	15.2	12.5	20.7	24.3	26.2	29.0	30.2	31.8	27.9	26.6	23.8	17.9
4	13.3	13.7	19.7	24.2	26.1	31.1	28.3	31.4	28.9	26.5	24.1	19.4
5	13.3	13.7	20.2	24.9	24.6	31.6	27.7	30.4	30.0	26.3	24.2	20.8
6	12.6	12.6	19.8	24.2	20.6	30.9	27.1	29.2	30.2	24.9	23.5	22.0
7	15.2	12.0	19.6	24.3	21.8	31.0	24.2	29.2	28.7	23.5	23.3	21.5
8	13.4	12.9	17.4	25.0	23.9	29.6	27.8	28.3	26.8	23.5	23.2	18.2
9	14.6	14.1	15.9	22.7	26.0	28.6	29.0	27.6	28.2	18.9	23.4	15.6
10	13.7	15.9	17.6	21.4	27.1	29.5	29.8	28.5	29.9	19.2	22.4	16.9
11	14.9	17.8	18.1	22.2	27.9	31.0	28.9	28.8	31.2	22.9	22.7	18.0
12	17.2	18.6	16.8	23.8	25.1	30.7	25.1	27.8	30.0	22.3	21.3	17.5
13	18.2	18.3	16.9	23.8	26.2	29.5	25.0	26.6	28.6	22.0	21.2	18.5
14	19.1	17.3	16.0	23.6	27.5	28.6	26.2	27.5	28.1	21.4	20.2	18.9
15	19.0	13.8	16.0	23.4	27.6	28.6	26.8	27.4	26.4	21.2	16.4	19.7
16	20.0	14.6	17.0	23.9	28.6	25.2	27.0	28.4	25.4	21.5	15.5	18.1
17	21.4	17.0	17.8	25.1	29.7	27.2	25.7	28.0	25.7	22.9	16.1	17.3
18	20.5	17.8	18.4	24.8	29.7	29.1	24.2	27.6	25.5	22.9	16.6	18.7
19	21.0	19.2	19.5	25.2	27.5	30.2	27.8	27.5	26.0	23.4	16.6	17.7
20	20.0	20.0	20.3	24.3	24.2	27.6	28.9	26.3	25.4	24.8	16.9	16.0
21	17.5	20.3	22.2	24.8	26.5	27.2	29.9	26.0	24.4	24.7	16.5	15.4

22	14.7	21.0	21.8	25.8	27.4	27.2	29.9	26.5	24.2	24.0	16.7	16.4
23	14.9	21.4	18.8	26.0	28.8	27.0	29.5	27.3	25.2	23.4	17.1	18.1
24	16.0	20.9	17.6	26.5	27.2	28.0	28.5	27.6	26.0	23.6	17.6	20.7
25	13.2	20.9	18.4	26.6	24.8	28.9	28.7	27.6	26.1	21.3	18.4	21.6
26	12.4	21.4	19.7	26.4	26.6	29.2	29.6	27.0	26.4	19.5	18.7	19.2
27	14.0	22.4	20.5	26.6	27.2	28.1	29.9	26.9	26.4	17.8	19.8	14.5
28	14.6	22.8	20.8	24.8	27.8	28.7	27.4	26.5	26.3	17.8	20.6	14.7
29	12.4	-99.0	23.1	26.2	27.5	29.2	27.4	27.2	27.6	18.6	20.6	14.8
30	10.0	-99.0	23.2	26.3	28.4	29.2	28.4	27.4	24.6	20.4	17.4	16.6
31	10.0	-99.0	23.2	-99.0	27.5	-99.0	30.2	26.0	-99.0	20.3	-99.0	17.1
1972												
1	16.5	21.4	15.0	19.2	27.6	25.8	26.6	28.5	27.4	27.0	25.3	17.1
2	16.8	20.9	15.0	19.3	26.8	27.6	28.0	27.4	26.6	25.4	25.0	17.6
3	18.4	22.2	15.1	19.0	27.2	26.6	30.4	28.4	26.6	23.2	25.4	18.5
4	19.1	21.6	15.0	19.7	29.9	26.2	30.8	27.0	27.8	21.8	25.6	18.8
5	18.8	18.4	15.7	21.0	29.6	28.0	31.2	25.8	26.9	24.0	25.5	19.2
6	15.4	17.2	17.3	22.7	29.9	26.8	29.2	25.6	27.0	25.6	24.6	19.8
7	13.8	16.2	20.5	23.7	29.6	27.5	28.4	27.2	25.5	26.3	22.3	19.8
8	14.0	13.0	20.9	19.6	28.6	27.8	29.2	28.4	25.6	26.6	22.5	19.4
9	14.6	10.4	21.1	18.6	30.6	26.6	30.4	28.3	25.0	27.2	23.5	20.0
10	14.0	11.1	21.9	17.3	31.3	26.6	32.4	29.4	26.3	26.6	22.8	21.1
11	15.2	12.8	21.4	17.8	30.0	27.9	32.4	28.4	27.0	25.0	21.6	22.6
12	14.9	16.4	17.6	19.1	28.6	29.2	31.4	28.1	27.4	24.7	22.7	19.8
13	15.6	17.2	18.1	21.0	28.2	30.2	31.5	27.5	27.8	24.8	23.3	13.7
14	15.2	17.9	20.7	23.9	27.3	31.0	30.4	28.9	27.5	25.8	24.4	13.1
15	13.8	19.4	21.6	23.7	27.8	32.2	27.1	28.5	27.0	26.0	24.9	14.8
16	14.6	20.4	21.0	26.2	27.3	33.0	23.2	28.1	27.6	26.4	22.9	17.5
17	15.2	21.2	22.7	28.8	28.0	32.3	24.7	27.9	27.3	26.8	20.2	19.4
18	16.4	21.6	23.2	27.5	28.9	30.2	28.4	28.0	27.6	26.9	19.9	21.1
19	18.0	20.9	22.9	26.6	27.8	29.0	30.0	28.5	26.8	27.5	19.8	21.2
20	18.5	20.3	22.7	25.8	24.5	29.4	30.5	28.0	27.8	27.4	20.8	21.4
21	18.2	19.6	22.5	24.8	27.8	30.8	30.0	28.3	27.8	27.6	19.0	22.2
22	17.5	20.5	22.9	25.4	29.9	31.5	31.2	27.6	26.9	23.7	19.8	21.3
23	18.6	19.2	24.0	23.4	30.7	31.8	31.6	27.4	27.5	21.3	20.5	18.4
24	19.0	19.8	23.8	21.4	30.8	31.2	31.5	26.9	25.4	22.1	19.5	19.0
25	19.4	22.4	22.3	19.7	29.8	29.0	30.6	27.4	22.3	23.3	20.8	19.7
26	18.3	18.4	19.0	20.9	26.2	28.8	29.1	28.7	24.0	23.4	20.2	21.4
27	17.7	13.8	20.0	22.8	27.9	30.0	26.8	29.0	25.5	22.8	17.2	22.2
28	17.8	12.6	20.4	23.3	28.6	30.4	25.0	26.4	26.3	23.7	17.6	21.0
29	19.4	13.8	21.2	24.8	27.1	28.4	25.4	27.1	25.3	24.5	18.6	17.5
30	21.0	-99.0	21.8	26.2	27.2	28.7	28.0	28.1	26.4	25.5	17.9	14.6
31	21.6	-99.0	21.5	-99.0	23.9	-99.0	29.4	26.0	-99.0	25.3	-99.0	15.4
1973												
1	16.4	18.9	23.3	25.8	28.6	30.1	29.8	28.3	24.2	27.1	21.9	17.9
2	13.1	19.2	23.0	25.0	27.5	30.7	29.6	28.7	24.8	26.8	21.6	18.4
3	14.0	19.8	23.1	24.6	29.0	31.1	30.4	28.5	26.2	26.5	20.6	19.4
4	14.0	21.6	23.8	21.9	24.9	30.1	29.2	28.5	28.0	27.6	21.6	20.6
5	14.7	22.2	24.2	20.8	26.3	27.5	28.4	27.7	28.3	26.3	21.9	19.2
6	14.9	22.8	23.4	23.2	28.0	25.4	26.4	26.4	28.5	26.1	20.9	18.4
7	15.8	21.9	22.5	25.9	30.0	26.8	26.6	27.3	28.6	25.8	20.8	18.9
8	16.0	19.4	23.4	29.7	30.4	26.7	25.0	27.1	29.1	25.0	22.0	16.3
9	16.2	17.8	23.7	26.3	27.8	28.3	27.8	26.5	28.1	24.7	23.6	19.0
10	17.8	19.6	24.6	26.0	25.4	29.6	28.0	27.3	28.5	24.1	24.1	20.2
11	15.6	21.0	24.7	26.1	27.1	30.6	26.1	27.0	27.3	24.5	22.6	21.4
12	16.0	20.5	25.2	22.8	29.6	29.3	26.7	28.8	28.2	25.4	16.9	21.4
13	17.4	20.4	24.2	22.6	30.9	31.1	27.1	29.5	24.4	24.9	18.8	18.0
14	18.5	17.0	24.4	24.6	30.7	27.8	28.0	30.2	26.3	20.7	20.2	19.2
15	20.8	17.0	21.2	26.1	30.4	29.8	28.1	30.6	26.8	19.2	20.9	19.6
16	21.4	18.5	19.0	26.4	30.7	30.5	27.9	30.5	27.0	20.5	20.4	17.8
17	17.6	21.0	18.6	25.0	31.0	30.7	28.2	30.2	25.6	22.5	21.2	16.3
18	16.2	22.4	18.5	20.8	31.4	31.7	30.0	28.5	24.8	23.4	20.2	16.2
19	16.8	23.5	19.8	21.7	31.6	31.9	31.0	27.3	24.2	23.0	21.2	17.0
20	18.1	19.4	22.3	23.4	32.0	32.4	31.9	27.2	23.4	24.6	20.4	19.1
21	19.2	20.4	23.5	26.0	30.8	33.4	32.1	28.0	24.6	24.8	20.3	20.0
22	19.5	21.8	23.3	26.8	29.2	33.0	31.3	25.4	25.5	23.8	19.8	18.2
23	22.0	21.8	23.2	26.4	27.7	33.3	31.6	27.6	24.5	24.3	19.4	15.5
24	18.9	21.9	22.4	26.6	27.7	32.6	29.8	26.8	23.7	22.4	18.2	16.4
25	19.3	23.6	21.4	24.0	27.9	32.7	29.4	27.0	24.3	21.7	18.5	15.4
26	20.1	25.2	21.0	25.4	30.4	32.6	29.9	27.0	24.9	21.6	18.8	12.5
27	20.2	26.3	20.6	26.6	30.2	30.7	30.2	28.0	24.4	20.7	17.8	13.3
28	18.2	25.9	21.9	27.0	27.8	30.6	30.0	26.7	25.2	21.5	18.6	12.3
29	16.2	-99.0	23.3	28.1	27.2	30.2	30.2	27.0	25.5	21.0	19.4	13.2
30	14.4	-99.0	24.4	27.9	29.3	30.5	29.2	28.3	26.6	21.5	19.9	12.9
31	17.0	-99.0	24.8	-99.0	29.8	-99.0	29.3	26.9	-99.0	21.7	-99.0	11.4
1974												
1	11.4	15.2	16.2	21.6	29.0	27.2	30.7	28.4	29.4	28.4	23.0	22.0
2	12.3	13.0	17.0	17.2	26.9	30.2	31.2	27.7	30.2	27.9	20.1	23.9



3	12.8	13.2	18.4	17.5	26.6	30.7	31.7	27.4	29.7	27.6	23.2	24.0
4	12.4	16.4	19.6	19.4	28.4	30.9	29.6	28.0	29.9	27.8	23.2	23.4
5	13.4	17.1	20.8	21.2	30.0	27.4	31.4	28.2	29.9	27.0	25.0	23.2
6	14.5	14.6	21.6	22.8	31.6	25.6	31.3	27.8	27.5	26.5	25.2	20.8
7	17.2	11.3	21.4	22.9	30.2	26.0	31.9	28.0	27.7	26.2	24.5	18.2
8	17.1	11.6	21.6	23.2	29.7	28.6	30.2	28.8	27.8	25.4	25.7	21.0
9	18.0	11.5	21.3	23.2	29.1	29.4	30.5	30.2	28.7	24.6	26.0	22.2
10	18.8	11.8	18.2	22.0	23.8	28.9	31.2	32.1	27.4	23.2	25.2	22.2
11	19.1	12.0	16.5	22.4	24.4	27.9	32.6	31.1	28.2	24.3	22.7	21.1
12	18.1	12.7	16.0	22.1	26.0	28.0	32.9	29.8	27.9	24.8	22.8	20.3
13	18.1	13.3	16.5	22.6	26.6	27.9	31.5	28.2	27.2	24.6	21.9	17.6
14	19.7	16.2	16.5	21.8	26.6	25.6	30.8	25.4	27.5	20.8	19.5	15.6
15	19.0	17.4	16.7	23.3	26.6	28.0	31.3	25.6	26.2	21.6	18.2	14.9
16	19.8	19.2	16.8	23.2	26.8	29.0	32.5	26.7	26.3	22.2	18.2	17.8
17	19.6	19.8	15.8	22.6	27.1	31.7	32.2	27.8	26.3	24.5	17.6	19.5
18	20.2	21.0	16.0	25.0	27.6	30.7	30.6	26.8	24.7	26.0	16.6	19.2
19	19.7	21.4	16.6	26.0	28.2	29.8	29.8	26.4	26.4	24.7	17.9	16.3
20	20.6	21.2	16.4	29.2	27.6	31.2	29.8	27.6	26.5	23.7	18.8	14.8
21	21.4	20.6	17.5	24.0	27.3	30.7	28.1	29.4	27.0	22.2	19.9	14.9
22	19.8	22.4	17.4	22.6	27.0	30.8	28.4	31.3	24.9	21.7	20.6	15.5
23	20.8	21.3	18.6	22.6	27.9	31.0	29.4	30.2	25.1	21.5	21.4	17.7
24	21.6	19.6	20.3	23.0	27.8	31.0	29.3	29.6	25.2	22.4	19.9	18.6
25	20.5	13.6	20.9	23.6	27.5	30.3	28.7	27.4	26.2	23.2	19.6	16.4
26	15.3	12.7	20.9	24.2	27.8	30.5	30.2	25.4	27.0	24.9	19.6	16.5
27	16.2	13.2	14.6	26.6	27.3	30.0	29.5	25.5	27.4	24.1	19.5	17.8
28	18.9	15.0	16.2	26.1	29.3	30.0	28.8	26.0	27.6	24.7	20.2	18.6
29	19.8	-99.0	18.2	23.4	31.4	29.8	29.1	26.8	28.4	23.7	20.6	19.8
30	20.6	-99.0	21.2	25.6	29.5	29.8	29.2	27.2	29.1	23.9	21.8	20.3
31	19.1	-99.0	20.6	-99.0	25.0	-99.0	29.0	28.9	-99.0	24.0	-99.0	20.6
1975												
1	20.6	21.1	21.1	19.4	27.8	25.8	31.6	29.3	26.1	25.5	19.7	19.3
2	18.8	21.7	22.1	19.6	28.0	27.0	31.8	28.0	27.0	25.4	20.8	21.0
3	16.9	22.3	22.7	18.6	27.1	28.8	32.2	26.7	27.0	25.4	21.0	22.2
4	15.1	22.6	23.0	21.0	27.6	29.9	32.1	28.4	27.0	26.6	21.3	23.8
5	15.5	23.1	23.2	22.8	27.6	30.7	29.9	28.9	27.0	26.9	20.7	24.0
6	14.8	23.0	23.0	23.6	27.5	30.4	30.1	30.0	26.9	28.0	19.5	23.6
7	16.2	22.6	21.8	27.9	28.0	29.9	30.4	29.9	26.2	27.2	20.5	23.2
8	18.1	19.1	20.6	23.9	29.4	30.8	30.0	31.4	27.0	24.7	21.5	23.2
9	18.4	16.3	22.1	24.4	29.2	30.6	30.1	29.0	25.6	24.6	23.5	21.2
10	17.1	15.9	21.6	26.4	30.2	30.4	29.2	26.4	25.2	25.7	23.6	15.9
11	15.3	15.6	21.7	26.0	28.0	30.0	27.2	24.8	26.1	25.4	24.4	12.6
12	14.3	16.4	22.2	24.6	27.3	29.6	27.3	27.4	26.9	26.0	24.8	11.6
13	15.1	17.3	23.8	24.1	27.4	28.3	28.2	27.4	27.0	26.9	20.4	10.7
14	17.7	18.8	20.8	25.0	27.6	27.4	28.5	28.0	27.0	26.2	18.6	9.6
15	18.7	19.3	17.0	25.8	28.8	28.0	28.6	29.4	27.1	24.5	17.9	10.8
16	17.5	16.8	16.2	25.7	30.2	28.1	26.4	29.1	26.6	22.4	19.4	11.1
17	16.6	17.0	17.9	25.0	30.8	24.7	28.1	28.1	27.2	21.4	21.4	11.6
18	16.1	16.3	18.9	24.6	28.0	26.0	28.6	28.4	27.2	19.6	22.9	11.9
19	14.9	15.6	20.0	25.3	30.1	25.7	28.4	28.0	27.4	22.9	22.5	14.8
20	15.3	14.8	19.2	25.8	30.6	28.0	27.1	28.6	26.3	22.9	22.3	15.6
21	17.0	16.6	20.4	26.3	30.8	28.8	28.0	27.6	26.2	23.2	22.0	15.3
22	15.0	16.7	22.3	26.4	29.0	29.4	29.4	27.9	25.9	22.4	20.7	12.2
23	16.7	16.9	21.7	26.3	26.4	30.4	29.5	29.5	27.5	23.9	18.4	12.1
24	19.0	19.0	21.8	26.9	28.4	30.7	30.2	28.9	28.0	23.6	14.1	12.4
25	19.1	20.8	22.6	26.7	29.2	29.7	30.0	25.8	28.2	23.2	14.0	13.2
26	18.9	21.6	23.0	28.6	28.7	29.2	30.4	25.8	28.4	23.8	14.7	14.8
27	18.6	21.0	23.6	29.6	27.5	29.4	29.6	25.9	28.2	24.3	15.7	16.6
28	18.4	20.2	24.6	30.8	28.0	30.4	30.5	25.9	28.0	25.1	17.1	14.3
29	17.4	-99.0	23.8	27.5	27.9	31.0	31.6	26.5	27.2	24.2	18.7	11.8
30	19.2	-99.0	21.5	27.9	26.8	31.9	33.1	25.3	27.0	21.0	20.0	10.5
31	20.6	-99.0	20.0	-99.0	24.3	-99.0	32.0	25.8	-99.0	19.9	-99.0	11.7
1976												
1	15.2	13.6	15.7	17.8	26.4	28.1	29.0	27.8	28.6	25.5	24.2	19.0
2	15.9	15.0	12.6	19.0	27.2	22.6	27.1	28.2	28.3	24.8	23.6	19.6
3	16.2	16.9	12.6	19.2	28.1	22.9	26.6	28.1	27.3	24.7	24.2	20.0
4	18.6	17.3	13.6	18.1	27.8	24.2	27.9	27.4	27.7	24.6	24.8	20.4
5	19.2	17.5	16.0	18.7	21.0	27.7	29.8	27.0	26.6	25.8	23.8	21.2
6	16.2	17.4	17.0	19.2	20.3	28.4	29.7	29.2	26.9	24.6	21.3	20.8
7	17.0	17.9	18.8	20.2	20.9	29.5	30.2	30.5	28.6	25.2	22.0	21.2
8	17.5	17.7	20.4	21.8	23.1	29.9	31.4	29.6	29.8	25.8	21.6	18.7
9	17.4	17.1	21.4	23.0	25.3	31.1	31.0	28.1	29.6	25.8	22.8	14.4
10	14.8	18.3	21.7	21.9	26.9	23.8	32.3	29.4	29.1	25.8	24.2	13.6
11	14.2	19.2	21.2	21.1	24.8	24.2	31.8	28.5	27.7	26.0	23.8	15.8
12	12.3	20.6	21.0	23.4	24.2	26.9	31.3	26.9	25.4	25.6	20.2	18.2
13	12.6	20.7	20.3	20.8	24.7	29.9	29.4	28.2	25.8	24.8	21.2	18.9
14	13.4	21.3	20.6	20.6	25.2	31.3	27.8	28.2	26.4	21.6	16.7	16.2
15	14.2	21.8	22.2	21.6	26.8	32.1	27.5	28.0	27.0	23.1	15.3	17.6

16	15.2	22.4	23.0	25.3	27.8	32.5	28.0	27.6	27.9	22.9	16.1	19.6
17	17.7	22.6	24.5	28.8	27.8	32.2	28.5	25.9	27.2	23.7	14.7	21.2
18	18.1	21.8	23.0	29.0	27.4	31.8	29.3	27.1	28.1	25.0	15.6	20.8
19	17.8	19.6	20.0	25.4	27.9	30.7	29.2	27.5	28.1	26.0	17.3	21.6
20	17.1	18.0	15.7	24.8	27.7	28.7	29.2	27.6	28.2	25.4	16.0	21.6
21	17.8	19.2	16.6	25.1	27.8	29.1	28.8	27.9	28.0	24.2	15.8	22.5
22	17.2	18.5	17.0	24.8	27.3	27.9	28.7	26.6	26.2	27.5	14.8	21.7
23	15.2	16.8	17.2	23.3	28.0	28.5	28.8	27.9	25.0	28.6	16.0	22.7
24	14.7	17.0	16.8	19.0	29.4	28.4	30.5	28.4	24.8	26.5	15.0	22.2
25	16.6	15.4	18.0	20.7	30.7	29.6	31.0	29.8	24.5	21.3	15.7	21.3
26	17.5	17.1	18.6	22.9	30.4	29.2	29.9	29.0	26.6	21.3	15.3	19.2
27	18.1	20.9	20.6	24.4	31.0	29.6	29.6	25.7	26.4	23.4	15.0	16.2
28	18.1	18.4	22.2	25.6	31.1	31.4	27.7	26.1	26.3	25.2	14.7	12.1
29	18.3	18.1	23.2	27.4	29.2	32.1	26.3	25.7	26.6	23.3	16.1	11.1
30	15.9	-99.0	22.6	26.2	30.1	30.2	27.0	26.6	26.9	24.4	17.2	12.4
31	13.7	-99.0	18.3	-99.0	30.3	-99.0	27.6	28.0	-99.0	23.4	-99.0	13.0

1977

1	13.4	10.7	21.6	18.2	26.1	30.0	30.5	31.3	27.4	25.4	23.0	17.0
2	14.1	10.6	20.4	18.7	25.6	30.0	32.3	29.3	27.5	26.7	21.9	17.8
3	12.4	11.0	18.2	19.8	26.2	30.4	31.4	31.4	27.3	26.9	22.2	17.2
4	11.5	11.4	16.2	20.6	25.6	31.4	30.2	31.1	25.4	26.9	21.0	17.2
5	13.2	12.6	14.1	21.7	25.2	30.7	27.8	29.4	26.4	27.2	22.2	17.2
6	14.0	14.0	15.1	22.8	25.8	32.2	29.5	29.0	26.5	27.1	24.0	18.7
7	14.7	14.6	17.5	23.0	26.5	31.5	30.4	28.5	25.8	25.7	24.3	20.4
8	14.0	13.9	18.2	23.7	25.8	32.0	31.0	29.5	26.4	21.8	23.3	18.8
9	14.4	12.5	19.6	23.2	25.6	31.8	31.7	31.4	27.0	23.1	21.5	19.2
10	13.3	13.2	19.5	20.3	26.1	31.1	33.4	32.3	28.0	25.0	20.6	19.2
11	15.3	12.8	20.5	21.3	26.7	29.8	34.2	31.9	27.5	24.4	19.8	19.1
12	16.0	14.7	21.4	22.5	26.1	28.2	32.6	31.9	27.5	22.4	19.6	19.9
13	13.1	17.1	20.5	23.6	27.0	30.3	31.4	32.7	27.0	23.9	19.5	19.2
14	12.0	17.3	21.4	26.1	28.2	30.8	29.5	32.8	25.6	24.8	20.2	18.7
15	12.1	14.0	21.8	26.1	29.4	32.0	28.6	34.0	26.7	25.0	18.5	19.8
16	15.4	12.7	21.9	25.4	31.0	33.8	27.2	27.2	27.1	25.0	18.1	21.5
17	17.6	12.8	22.0	24.8	32.2	33.8	27.9	26.8	27.7	23.9	17.7	22.0
18	17.5	14.2	22.4	21.4	31.1	32.6	28.8	25.1	27.6	24.9	17.6	21.5
19	17.0	15.3	21.3	19.5	29.6	31.9	29.4	25.1	27.2	25.8	18.0	21.6
20	17.1	17.1	21.2	21.1	31.0	32.6	30.2	25.5	27.5	24.7	18.7	22.0
21	17.4	13.2	21.3	22.5	30.2	32.2	26.3	27.7	26.6	23.3	18.9	21.8
22	17.0	13.2	21.5	24.0	28.3	30.3	28.6	28.6	25.7	23.9	20.2	21.6
23	14.8	14.7	21.6	24.5	27.2	30.6	28.9	27.7	25.4	23.9	20.9	22.6
24	15.3	15.8	16.2	25.2	27.7	31.2	30.1	28.6	25.9	24.2	20.8	22.6
25	17.6	17.4	16.7	24.9	29.4	31.7	31.0	27.7	26.2	24.4	21.8	20.7
26	17.8	18.8	18.8	25.3	28.0	32.6	32.8	27.0	25.4	24.6	22.9	16.4
27	20.1	19.6	20.7	28.6	28.1	33.4	32.6	28.9	24.0	24.4	19.1	17.8
28	20.5	20.6	21.8	26.5	29.1	33.2	31.3	29.3	23.6	24.9	18.4	20.1
29	19.0	-99.0	22.2	25.6	31.2	31.0	30.0	26.0	25.1	25.5	17.2	22.0
30	12.9	-99.0	20.5	25.8	32.3	30.8	30.8	26.8	26.8	24.6	17.2	23.6
31	11.3	-99.0	19.6	-99.0	32.2	-99.0	31.3	26.2	-99.0	25.4	-99.0	24.0

1978

1	21.7	14.6	20.1	24.5	26.7	28.8	27.8	31.6	26.3	27.6	19.7	18.7
2	14.7	13.5	21.6	20.3	25.4	28.2	27.3	31.6	26.4	28.2	19.4	17.3
3	14.1	16.4	22.5	18.6	26.2	27.2	27.5	29.0	26.7	28.1	20.8	19.8
4	13.8	18.7	21.4	20.2	27.4	26.3	27.6	29.8	27.5	28.0	21.0	20.0
5	12.1	20.2	19.3	21.6	24.4	27.7	27.8	30.9	28.5	25.8	20.8	20.0
6	13.9	21.2	20.8	22.4	25.9	29.2	27.7	31.1	28.2	24.0	21.8	20.0
7	16.2	21.7	21.6	22.8	26.4	28.5	28.1	29.2	25.8	24.8	20.6	21.2
8	18.7	22.3	22.2	24.0	27.0	29.6	28.5	28.1	26.4	25.6	22.6	22.2
9	19.4	22.8	22.5	22.6	27.4	29.6	26.8	28.6	27.7	24.5	22.9	22.1
10	16.2	23.0	19.4	21.7	26.5	29.0	27.1	25.7	26.0	24.6	22.1	22.2
11	15.2	22.6	20.5	23.0	22.2	29.1	28.4	25.4	26.4	24.6	21.6	19.4
12	17.8	21.0	20.8	23.3	22.4	30.0	29.2	27.2	26.5	24.0	21.3	18.1
13	18.6	16.9	19.0	23.9	23.2	31.2	30.2	26.7	26.6	24.3	21.0	19.5
14	19.9	17.0	17.6	24.4	24.8	31.7	29.0	27.0	26.6	22.9	21.4	20.1
15	21.2	14.0	16.7	24.1	26.5	29.2	29.4	27.1	26.7	22.4	21.9	17.1
16	20.8	12.6	17.5	25.4	27.7	29.0	30.5	28.0	26.2	24.1	22.2	16.8
17	15.3	11.9	19.0	22.5	27.7	28.0	31.5	28.0	24.8	23.6	23.0	18.8
18	11.8	12.9	19.7	21.6	28.2	27.7	29.8	27.6	25.4	22.8	23.6	18.3
19	11.3	13.0	21.3	24.1	26.5	28.2	29.0	29.2	25.2	23.7	24.1	18.8
20	12.2	15.0	23.6	26.2	28.5	28.3	28.6	29.0	24.8	23.9	22.0	20.8
21	13.1	14.7	25.4	26.8	30.2	28.2	28.3	26.5	24.3	24.4	21.7	20.6
22	14.3	14.4	19.5	25.5	29.3	29.1	29.0	27.2	25.4	23.6	22.9	20.0
23	16.5	15.1	16.4	26.0	28.9	29.5	28.6	28.2	23.8	22.9	23.2	19.0
24	17.8	15.7	16.0	25.4	28.5	31.0	28.5	26.2	25.4	24.0	22.9	19.4
25	20.2	16.2	16.9	26.6	29.4	32.0	28.2	26.7	26.0	24.2	22.8	20.1
26	21.0	16.4	18.8	27.8	31.3	28.3	27.8	29.0	24.2	24.9	22.4	22.2
27	21.8	18.2	20.2	28.4	30.8	26.6	29.3	30.2	24.8	25.2	19.9	22.8
28	21.9	18.6	21.6	29.2	30.0	28.4	29.8	28.8	25.0	21.0	18.0	22.5

29	19.6	-99.0	22.7	26.7	29.7	29.4	29.7	28.3	25.2	19.2	16.4	21.1
30	17.6	-99.0	25.4	26.1	30.5	29.6	30.4	27.1	25.9	19.1	17.2	21.9
31	16.6	-99.0	25.6	-99.0	30.3	-99.0	31.4	27.4	-99.0	19.8	-99.0	20.8
1979												
1	20.5	12.8	16.6	27.7	27.6	29.1	31.2	28.5	27.2	25.0	22.5	17.4
2	21.7	14.8	18.6	22.8	24.1	28.7	30.8	29.8	25.7	24.6	21.8	15.7
3	19.8	16.6	18.8	18.6	23.5	28.7	30.0	28.4	27.3	24.9	22.0	17.0
4	19.5	16.1	19.6	17.2	25.8	28.9	30.3	27.1	28.4	25.2	24.1	20.3
5	21.4	16.3	21.0	18.5	28.0	28.9	31.7	25.4	29.8	24.9	23.8	21.6
6	21.7	16.0	22.5	21.4	29.5	29.0	29.9	26.7	28.0	24.1	23.4	21.4
7	18.4	17.8	23.8	21.9	28.4	26.6	30.1	26.4	29.4	23.4	21.8	20.5
8	16.7	19.5	23.3	22.3	26.5	28.0	30.9	25.4	28.1	23.1	21.4	21.0
9	19.6	20.2	24.1	21.5	26.4	28.7	30.8	25.2	27.8	23.5	22.5	20.5
10	21.0	21.4	25.0	21.0	27.7	29.7	29.5	25.3	28.3	23.8	22.8	19.8
11	22.2	21.5	26.0	22.1	28.3	25.6	30.0	27.6	26.2	23.8	23.6	19.8
12	23.3	22.2	26.1	23.7	30.0	26.4	30.7	28.9	26.8	23.8	23.2	19.9
13	22.4	22.4	24.0	22.9	32.0	25.4	31.0	31.4	27.5	23.8	20.6	19.8
14	21.7	22.5	19.3	21.2	31.6	26.7	32.3	30.4	27.6	23.9	18.4	16.6
15	18.9	20.4	18.3	23.2	27.6	28.0	33.0	30.5	27.6	23.6	19.4	18.0
16	15.2	20.1	19.2	24.0	23.4	28.8	32.2	29.0	26.5	23.3	20.8	18.0
17	18.6	20.2	18.5	25.6	23.5	28.5	32.0	29.0	26.0	23.7	22.8	17.6
18	19.9	22.0	18.1	26.0	21.3	27.7	31.7	28.6	25.5	23.4	20.4	18.8
19	17.6	21.7	19.4	25.8	22.0	28.2	32.2	29.0	25.4	23.4	16.4	20.3
20	18.4	23.1	18.6	23.8	22.6	27.9	32.1	30.4	26.3	23.3	18.2	21.0
21	18.3	25.7	19.4	24.0	25.0	28.2	31.0	30.8	25.3	24.2	19.5	21.7
22	17.8	25.8	20.4	24.8	26.2	28.0	30.0	31.4	23.9	22.6	17.1	22.3
23	18.1	25.8	20.5	26.2	26.8	27.4	28.0	31.4	27.9	22.9	16.2	21.0
24	18.3	26.4	18.9	27.1	25.8	28.4	28.8	29.2	25.3	24.2	16.3	18.6
25	16.8	25.9	19.0	27.1	27.5	28.8	30.5	28.3	24.0	25.0	17.4	18.6
26	17.4	19.8	19.7	26.4	30.1	29.0	30.1	29.0	24.0	23.6	17.1	16.3
27	18.9	18.4	20.5	26.2	31.6	30.1	29.0	29.2	24.7	23.1	16.9	17.0
28	21.2	18.2	23.0	26.4	32.4	30.3	29.3	29.0	24.7	22.4	16.5	17.5
29	21.0	-99.0	26.9	26.0	30.4	30.2	30.2	28.5	25.8	22.8	15.6	18.6
30	20.1	-99.0	26.0	25.4	27.6	31.0	32.0	28.0	25.6	22.4	18.1	19.7
31	14.4	-99.0	26.9	-99.0	27.2	-99.0	29.7	27.9	-99.0	22.5	-99.0	21.0
1980												
1	22.0	12.5	22.0	19.0	27.4	28.8	29.2	29.5	25.5	24.2	23.4	22.5
2	21.6	13.8	20.8	18.1	28.0	27.3	30.0	29.1	26.2	25.0	22.5	21.9
3	21.3	15.4	23.1	21.2	28.1	27.1	31.8	30.0	25.6	25.4	21.4	21.2
4	21.0	16.8	22.8	23.3	28.2	25.6	32.0	32.0	27.0	24.6	20.9	22.2
5	18.1	13.2	22.2	24.9	26.4	27.5	31.4	32.4	26.0	26.4	22.4	22.8
6	18.4	13.3	22.2	25.1	26.7	27.6	31.8	30.8	26.1	24.3	23.9	24.5
7	15.0	13.4	25.4	25.5	28.8	28.9	31.6	30.9	26.0	24.8	24.9	23.9
8	16.3	11.0	26.6	25.0	26.2	29.2	31.4	30.4	27.0	25.6	25.0	22.2
9	16.9	9.6	21.8	23.4	23.5	28.8	30.7	29.3	27.5	26.6	24.3	19.4
10	18.7	11.0	20.9	22.2	24.6	28.2	31.6	30.6	26.3	26.5	22.8	18.8
11	21.0	11.8	22.2	23.8	26.8	27.1	32.7	31.2	25.6	26.4	23.1	21.1
12	20.2	12.7	22.3	26.4	28.5	28.7	32.2	31.5	26.2	26.3	22.5	17.4
13	20.7	14.1	23.0	27.5	30.1	29.6	31.4	30.9	27.2	26.4	22.8	18.2
14	16.8	14.8	22.5	21.1	29.8	29.8	30.4	30.2	26.9	26.4	22.9	18.4
15	14.0	15.6	19.8	20.9	28.2	30.5	31.6	29.6	27.5	25.6	23.2	18.2
16	16.3	16.6	19.6	20.9	27.4	30.1	30.6	29.3	25.3	26.2	23.7	18.3
17	15.9	17.2	21.0	21.0	25.6	29.0	29.8	29.5	23.6	26.4	22.3	19.2
18	16.5	18.4	22.9	21.8	26.8	28.5	28.8	28.5	24.5	27.0	20.8	20.5
19	17.7	18.9	24.0	25.4	26.1	28.7	29.1	27.6	26.2	24.7	20.4	16.4
20	18.4	20.2	23.7	25.9	26.4	27.8	29.1	28.7	27.2	24.6	21.6	14.5
21	17.6	19.4	24.0	27.2	26.5	26.3	28.6	28.5	27.3	24.8	21.6	14.6
22	15.6	18.1	23.4	31.0	26.6	27.7	29.0	26.9	26.0	26.2	21.4	14.8
23	17.5	19.8	23.4	31.9	27.5	27.0	27.6	27.3	25.5	26.6	21.6	15.4
24	19.4	19.5	23.3	31.0	29.8	26.8	27.8	28.0	25.0	26.5	22.6	15.5
25	20.2	21.8	21.4	25.4	31.3	28.0	26.5	29.1	25.7	23.6	23.1	17.9
26	20.2	22.8	19.5	23.4	26.2	28.3	26.4	29.1	24.8	22.7	23.5	19.5
27	21.1	19.8	17.6	23.9	23.3	29.0	28.6	29.0	24.5	21.2	23.8	18.0
28	21.2	18.8	19.4	25.6	26.6	28.6	30.3	29.8	23.8	18.2	23.0	15.7
29	21.6	21.2	21.4	28.0	30.3	28.7	29.7	29.4	25.0	18.4	23.4	15.0
30	18.2	-99.0	23.6	27.2	32.6	28.9	29.3	25.0	24.9	20.0	22.2	16.8
31	12.8	-99.0	24.6	-99.0	32.7	-99.0	30.0	24.2	-99.0	22.4	-99.0	17.7
1981												
1	17.4	20.4	18.9	24.4	27.1	29.7	31.2	29.4	30.1	30.2	24.0	17.2
2	16.8	18.4	19.6	25.2	26.8	28.5	30.9	30.1	29.5	27.7	24.2	15.5
3	15.8	19.7	20.9	25.8	24.6	29.4	27.2	28.3	29.8	25.9	23.8	15.0
4	16.6	17.6	20.4	26.8	19.2	30.2	26.0	26.8	29.6	26.2	24.2	16.4
5	18.2	17.9	18.1	27.7	21.4	28.4	25.4	27.7	28.0	26.6	25.2	18.3
6	20.4	18.3	18.8	26.8	23.6	26.6	27.2	28.9	27.2	25.8	25.2	17.2
7	21.2	15.8	17.4	26.7	25.2	27.5	27.9	29.2	27.4	25.7	19.5	15.9
8	20.0	18.0	19.1	26.3	27.0	27.1	29.9	30.4	27.4	27.4	14.8	15.2
9	19.8	19.3	18.8	26.2	28.7	27.4	29.6	29.0	28.0	21.8	13.1	17.9

10	17.4	19.7	19.1	25.2	29.6	28.0	29.5	26.7	27.2	20.3	15.7	17.6
11	14.4	20.0	20.2	25.6	32.0	28.8	29.8	28.8	27.3	20.9	17.9	18.4
12	12.6	21.4	22.7	24.4	30.3	26.0	30.2	29.3	28.4	21.2	19.5	19.5
13	14.0	22.7	23.0	23.8	30.0	24.2	29.5	30.4	28.1	24.2	19.4	19.8
14	14.4	23.1	23.8	23.9	30.8	27.0	28.5	30.7	27.7	24.4	20.5	19.1
15	15.3	24.0	23.5	25.1	29.2	28.1	28.4	29.2	24.7	24.0	21.4	17.6
16	15.8	21.2	23.2	25.6	25.6	28.2	27.7	29.2	24.0	23.9	22.5	15.7
17	16.6	21.7	24.6	25.2	25.8	28.2	28.1	29.3	23.1	26.3	20.2	15.9
18	17.5	21.0	26.1	26.1	26.5	27.7	27.9	29.0	23.7	27.0	19.2	14.6
19	18.7	20.6	24.0	27.8	26.7	27.9	27.4	26.6	24.1	27.4	20.8	13.3
20	18.4	19.2	22.6	25.9	26.8	29.0	26.2	26.6	26.0	27.4	23.0	13.7
21	19.2	19.3	23.1	24.7	21.6	29.8	27.6	28.6	27.2	27.4	23.4	12.0
22	20.2	22.4	24.8	26.4	22.4	30.7	29.6	30.1	27.5	27.8	22.6	15.8
23	20.6	22.7	26.4	26.6	23.3	29.0	28.6	31.3	27.1	20.2	23.8	16.4
24	20.7	22.4	25.4	27.3	25.2	29.2	28.3	31.9	27.8	19.4	24.4	15.1
25	20.6	19.4	24.5	27.6	27.4	30.3	28.9	32.1	26.4	20.2	23.6	16.0
26	19.8	15.8	24.4	26.2	28.0	30.4	29.4	29.2	27.2	20.6	24.3	17.8
27	19.3	15.0	24.2	25.8	30.1	30.4	30.2	28.2	27.5	20.9	22.1	18.6
28	17.6	17.5	24.1	27.9	30.8	30.2	29.7	29.5	26.9	21.6	19.1	18.5
29	18.4	-99.0	24.6	26.6	30.7	31.2	29.2	30.0	27.6	21.0	17.6	19.9
30	20.6	-99.0	24.8	27.4	32.0	30.5	28.4	29.6	29.3	22.3	17.4	20.6
31	21.8	-99.0	25.3	-99.0	30.1	-99.0	29.1	29.4	-99.0	24.0	-99.0	19.9
1982												
1	18.0	19.8	17.0	23.2	25.6	31.8	30.6	31.5	29.6	26.8	25.8	17.8
2	19.6	19.9	18.2	24.3	25.8	31.7	31.3	31.2	28.0	26.8	24.9	20.6
3	19.9	20.0	18.6	23.2	25.8	29.2	30.6	32.2	26.8	25.9	23.6	21.9
4	19.8	22.3	19.9	18.2	26.4	28.3	30.1	30.8	24.9	26.7	24.5	22.6
5	17.7	21.4	21.2	18.6	27.4	28.3	30.4	30.6	25.0	25.9	24.4	23.9
6	18.4	21.8	21.9	19.2	27.9	28.3	29.9	29.8	25.4	26.3	25.5	18.4
7	16.2	18.4	22.0	20.0	24.5	24.9	31.1	30.2	28.0	26.5	24.7	15.8
8	15.4	16.2	19.2	19.3	25.5	25.8	30.9	30.1	26.8	26.4	25.0	18.2
9	15.4	15.8	16.6	19.2	29.2	27.2	30.1	28.6	27.6	25.0	23.5	20.7
10	16.4	14.2	17.5	19.4	31.6	28.2	30.5	27.7	27.6	24.9	21.3	22.6
11	17.7	12.9	18.9	21.2	32.7	28.2	30.8	28.2	27.6	25.1	20.3	19.6
12	20.4	14.5	20.1	21.9	32.2	29.1	31.1	28.1	28.1	24.1	22.0	16.4
13	19.4	14.6	21.5	22.5	28.2	29.4	31.0	30.2	28.5	24.6	24.0	14.0
14	19.2	13.0	22.3	21.3	21.8	31.2	29.8	28.1	25.9	25.2	25.7	13.2
15	19.2	12.0	22.6	20.2	22.6	31.0	28.6	29.2	27.1	25.9	24.4	15.9
16	18.3	12.6	22.7	21.5	24.0	31.6	29.1	29.8	26.1	25.8	23.8	17.1
17	13.8	14.5	23.1	23.3	25.1	31.8	28.6	30.6	25.9	25.0	22.9	15.5
18	13.6	17.6	22.9	23.8	26.4	32.4	30.1	30.0	26.9	22.1	23.2	14.4
19	15.8	19.6	23.0	23.8	26.6	31.8	28.8	27.9	28.2	22.8	23.7	13.3
20	16.2	20.5	23.6	25.2	27.2	32.0	28.6	27.1	29.1	23.9	22.9	13.2
21	19.3	20.4	23.4	25.4	27.0	32.2	28.3	27.3	27.2	24.1	24.4	13.9
22	20.8	21.2	23.4	26.4	27.5	32.7	30.3	27.9	27.9	25.3	25.8	14.8
23	20.1	21.0	24.3	25.4	27.4	28.8	31.2	28.1	27.6	25.0	24.6	15.6
24	19.5	20.5	24.0	24.8	27.1	26.9	32.2	27.8	26.6	25.6	24.6	17.5
25	20.4	18.5	24.1	25.7	27.6	27.9	31.7	28.4	26.2	23.9	21.5	18.5
26	19.8	18.6	21.8	26.9	27.4	28.0	31.5	28.1	26.2	24.0	20.6	12.2
27	18.6	17.4	18.6	29.3	28.6	27.5	31.6	29.2	25.8	26.0	21.1	13.1
28	19.8	17.0	17.9	27.8	29.2	27.4	32.1	30.8	25.3	26.3	22.7	14.2
29	19.9	-99.0	18.5	27.8	29.6	26.4	31.3	30.4	24.6	26.2	17.4	15.7
30	20.4	-99.0	19.2	29.8	30.5	28.8	31.2	30.0	25.6	25.9	16.9	16.8
31	19.6	-99.0	20.9	-99.0	31.0	-99.0	29.3	29.7	-99.0	26.1	-99.0	16.0
1983												
1	17.4	22.9	18.7	17.9	22.2	31.4	32.2	28.4	27.5	27.2	21.7	16.5
2	19.0	21.4	18.2	18.7	22.8	32.6	32.8	26.9	27.4	24.5	23.2	16.4
3	17.8	17.6	19.8	18.8	24.4	33.2	33.0	28.1	27.1	24.5	23.6	17.8
4	17.5	16.0	16.8	19.2	25.8	33.8	33.4	28.0	27.0	26.2	24.3	16.3
5	16.0	15.9	14.6	19.8	25.4	32.8	32.5	27.5	28.0	27.7	23.5	17.6
6	15.9	16.7	14.0	20.3	25.7	24.3	32.6	26.9	28.1	27.8	23.0	19.3
7	17.7	17.0	14.6	22.0	26.9	23.4	32.3	26.5	27.7	27.9	23.4	18.2
8	17.2	17.4	15.7	23.2	26.2	25.5	32.2	25.9	28.0	25.9	23.6	18.0
9	14.9	18.2	16.9	21.8	27.2	27.1	31.6	27.0	29.5	24.8	24.0	17.4
10	14.4	19.0	16.8	26.7	28.7	28.2	30.4	28.1	31.0	24.2	24.4	18.5
11	13.9	17.5	18.0	27.3	30.6	29.0	30.1	28.5	29.4	25.4	24.4	20.8
12	12.8	15.6	18.3	26.4	32.3	29.8	30.2	29.1	27.7	25.0	23.1	19.2
13	12.7	14.3	19.2	29.2	32.7	28.8	30.2	29.8	27.4	25.2	20.4	19.8
14	13.8	15.4	18.1	26.5	32.6	30.4	31.2	29.7	27.6	25.4	20.1	20.8
15	15.9	17.4	18.8	25.1	31.3	32.1	31.4	29.7	28.2	25.0	19.2	21.4
16	17.2	17.2	17.2	22.2	25.7	34.2	29.0	29.3	29.4	25.6	19.7	20.6
17	18.8	17.2	15.6	20.6	25.2	34.1	29.6	28.2	30.4	25.8	21.1	21.1
18	18.5	17.2	16.1	22.0	26.5	34.1	26.4	29.8	29.9	26.1	20.1	20.5
19	15.2	18.3	17.2	23.4	28.9	34.3	29.6	28.2	29.1	26.4	20.4	19.7
20	11.7	18.0	19.3	24.1	31.4	34.2	30.2	27.0	27.4	26.2	20.6	21.9
21	10.6	15.0	24.4	28.0	31.6	32.1	30.8	28.3	28.0	26.8	19.9	21.6
22	9.1	15.1	28.4	24.0	30.2	30.2	30.7	30.0	27.9	26.0	19.6	21.7

23	10.8	15.8	25.8	23.7	29.6	28.0	30.4	30.1	27.3	25.2	19.1	16.7
24	11.8	16.4	24.3	24.4	32.6	28.6	30.0	29.7	26.7	25.4	17.3	13.7
25	12.6	15.9	19.2	25.0	31.6	29.4	31.0	27.3	27.4	25.2	17.9	12.6
26	13.7	16.0	18.2	25.0	29.9	27.2	31.4	24.6	28.0	21.7	18.6	13.2
27	15.4	16.1	18.4	25.6	29.4	27.9	31.2	28.0	28.4	18.7	18.2	13.2
28	16.7	17.0	18.2	25.6	29.7	28.7	30.0	29.2	26.3	19.2	15.7	11.5
29	18.6	-99.0	17.9	25.6	29.5	29.4	29.8	27.8	26.3	20.3	15.6	9.9
30	21.0	-99.0	16.6	22.5	31.5	31.1	30.0	28.6	26.8	19.3	15.8	11.1
31	20.8	-99.0	17.2	-99.0	31.4	-99.0	29.0	29.0	-99.0	19.0	-99.0	10.9
1984												
1	11.3	12.2	12.4	22.6	25.2	30.8	30.2	27.8	28.7	25.4	22.4	18.8
2	14.5	13.7	14.0	23.2	27.8	27.6	30.0	28.9	26.9	26.6	22.3	17.8
3	13.8	14.2	14.1	26.6	28.0	28.0	30.0	29.1	26.4	27.0	22.5	19.2
4	13.5	14.4	16.6	31.2	26.9	30.3	29.8	27.4	26.4	26.6	22.3	20.1
5	13.6	15.2	16.8	29.8	23.9	30.3	29.6	27.4	25.6	25.1	22.8	18.6
6	14.2	12.5	16.9	22.0	23.2	29.9	30.2	27.0	26.8	23.5	23.7	18.1
7	14.0	11.8	17.1	22.9	22.2	29.5	29.7	26.0	27.1	23.2	23.9	20.0
8	13.5	12.0	15.6	23.8	22.6	28.4	29.1	27.2	28.1	24.6	23.5	21.4
9	13.3	13.7	15.8	24.1	23.8	27.9	29.8	27.6	26.9	25.7	25.4	21.8
10	13.9	15.1	15.6	23.7	26.2	27.6	29.1	28.2	27.4	26.5	26.4	22.3
11	15.2	15.4	16.6	24.5	27.4	27.2	28.4	27.4	28.6	27.3	25.8	22.3
12	16.0	15.9	18.1	24.4	27.9	29.3	28.6	27.4	27.4	26.4	25.8	21.8
13	17.7	16.4	19.9	23.8	28.7	30.9	28.8	26.2	26.6	23.6	24.8	22.6
14	17.5	15.8	21.4	24.3	26.4	31.4	27.1	26.0	26.1	21.4	24.8	22.2
15	18.3	15.5	21.9	24.6	29.0	32.6	29.3	27.1	25.3	22.8	24.5	22.6
16	20.2	17.1	20.4	25.6	29.4	32.0	29.6	26.3	26.8	24.0	24.7	23.2
17	20.8	17.7	21.8	25.5	28.4	31.9	30.4	28.0	27.3	23.6	24.7	23.0
18	20.2	14.6	22.3	26.8	30.2	31.6	31.9	28.3	26.0	20.0	24.3	23.0
19	18.6	15.3	21.5	25.3	29.2	30.6	33.1	28.1	25.4	21.5	22.9	18.9
20	16.0	16.8	19.8	26.4	28.2	29.1	31.9	28.8	26.1	23.3	22.9	16.2
21	13.1	18.9	16.8	26.5	28.2	27.8	30.8	29.8	27.0	22.6	21.2	15.4
22	10.8	20.2	16.4	22.6	26.4	29.0	31.1	30.4	25.7	22.5	21.4	12.8
23	12.8	19.6	17.2	22.1	26.5	30.5	32.0	31.4	26.0	22.5	20.6	11.9
24	13.4	18.4	18.0	23.4	27.5	31.2	31.6	31.6	26.6	22.7	21.0	11.2
25	12.6	18.1	19.6	23.8	26.6	30.5	31.5	30.1	27.3	22.8	19.5	12.4
26	11.0	15.3	21.4	25.3	25.3	27.0	32.2	29.6	27.6	22.4	19.5	13.9
27	12.5	14.3	22.6	27.1	26.5	29.0	31.8	29.5	27.0	21.4	19.3	13.3
28	13.6	13.9	18.8	23.4	27.3	29.6	29.7	28.6	25.0	21.7	18.4	12.2
29	14.5	11.8	19.0	22.9	28.6	30.0	28.3	27.5	24.2	22.5	17.8	10.8
30	14.1	-99.0	20.4	23.5	29.7	28.9	26.2	28.9	25.1	21.7	17.8	11.8
31	12.2	-99.0	21.5	-99.0	31.0	-99.0	25.6	27.8	-99.0	21.7	-99.0	14.7
1985												
1	16.1	15.9	18.6	16.6	24.0	27.4	30.5	29.5	28.2	23.1	21.5	16.9
2	17.2	16.1	20.8	17.0	25.0	29.6	31.2	29.0	27.8	21.3	20.8	18.4
3	18.8	17.0	21.3	17.4	28.2	31.0	30.7	29.2	27.7	23.1	22.0	20.2
4	17.6	18.8	16.6	18.9	29.7	31.7	30.6	29.2	28.2	24.1	22.2	21.4
5	15.6	21.0	15.4	20.0	30.1	30.9	30.6	30.7	28.5	24.0	23.1	22.4
6	16.2	21.6	17.8	21.2	29.6	31.5	30.3	30.4	29.5	23.5	23.5	21.9
7	17.3	21.3	19.4	20.7	27.5	32.2	28.2	30.7	31.0	23.4	23.7	22.3
8	15.0	21.4	21.4	21.3	27.0	33.4	29.0	27.8	29.6	24.2	24.6	22.2
9	14.8	19.6	19.0	23.3	27.2	33.0	29.6	27.7	27.6	24.6	21.2	23.0
10	12.6	18.4	16.6	24.7	26.9	31.9	28.7	28.1	24.9	26.0	20.8	23.1
11	13.7	17.4	15.0	22.7	27.1	31.7	27.9	29.2	25.7	26.2	21.9	19.6
12	14.6	17.2	13.9	23.3	26.7	29.9	27.7	28.8	25.4	25.6	23.0	14.5
13	13.1	17.1	14.6	20.6	27.5	27.4	27.8	28.6	24.6	26.4	21.9	16.0
14	13.4	18.2	14.4	18.6	27.0	25.5	28.9	28.9	26.3	26.1	21.6	16.0
15	14.1	19.8	14.2	19.0	27.4	26.9	28.7	28.8	25.6	26.6	22.5	16.1
16	15.2	20.9	14.7	20.0	27.2	26.6	29.3	29.3	27.4	26.4	19.8	15.0
17	15.8	22.1	15.4	21.4	26.0	26.5	28.5	30.2	26.3	25.8	19.8	15.0
18	15.8	20.2	16.1	22.2	26.8	26.6	28.1	30.6	26.8	26.3	20.9	17.6
19	16.0	18.9	15.6	22.1	26.7	25.7	28.9	30.5	27.2	25.6	21.6	17.6
20	17.7	17.4	15.9	23.0	27.0	24.8	29.8	30.7	25.2	25.7	22.4	17.4
21	18.9	15.8	15.4	23.5	27.0	24.8	30.5	29.4	25.4	20.2	24.2	16.5
22	18.3	14.6	15.2	24.0	27.7	27.6	29.3	29.4	27.0	19.2	25.0	16.3
23	19.9	14.2	16.7	24.2	28.0	30.0	28.4	27.8	26.3	20.2	25.1	15.4
24	20.0	14.8	17.9	25.6	27.6	30.6	28.8	26.8	23.4	22.2	22.2	16.1
25	16.2	16.3	19.6	26.3	28.5	31.4	30.4	28.6	24.2	24.3	19.2	17.8
26	14.6	16.5	21.2	23.1	29.4	31.8	31.2	29.2	24.2	24.6	20.9	18.5
27	16.1	16.1	22.8	20.2	30.6	30.5	31.3	28.3	25.3	25.4	22.8	18.3
28	16.9	16.6	25.5	21.3	31.1	29.8	29.4	28.4	24.9	25.3	23.6	19.5
29	15.4	-99.0	20.5	22.3	30.6	29.4	28.0	28.2	25.6	25.9	22.0	19.8
30	12.7	-99.0	17.0	23.4	30.5	29.6	27.3	28.0	25.3	25.4	16.8	19.5
31	14.8	-99.0	15.6	-99.0	31.0	-99.0	28.0	28.6	-99.0	22.8	-99.0	20.4
1986												
1	14.5	21.6	9.8	19.5	25.2	32.2	33.4	30.0	30.2	20.1	22.3	16.3
2	14.7	21.0	10.7	20.7	24.9	30.4	33.8	29.1	29.9	20.4	23.2	17.0
3	16.6	18.9	12.1	22.0	23.9	28.6	33.4	29.3	29.2	22.4	23.2	17.4

4	15.2	15.6	13.0	22.5	24.3	29.4	33.0	28.8	27.9	24.6	24.0	16.2
5	14.5	17.1	14.2	22.7	26.4	29.4	31.7	28.6	27.9	24.5	23.3	17.5
6	13.2	15.3	15.0	22.2	24.4	30.8	31.6	29.1	25.9	24.6	23.8	19.4
7	13.5	14.0	17.3	21.2	24.3	30.4	31.3	28.6	27.2	24.6	24.4	18.7
8	14.3	13.8	19.4	22.1	25.8	30.5	31.3	26.6	26.0	25.2	21.8	17.0
9	15.2	15.5	19.4	22.9	26.1	30.8	28.8	27.2	26.2	26.1	20.2	17.2
10	16.5	15.1	20.0	24.6	25.9	32.1	28.4	24.8	26.5	24.6	19.6	17.8
11	15.4	15.8	20.6	24.8	26.4	31.0	30.0	24.8	25.9	22.4	21.1	17.6
12	17.0	18.4	21.5	25.3	29.2	26.9	31.2	27.8	27.5	20.8	20.2	18.9
13	17.5	19.9	21.8	25.2	31.2	27.5	31.4	29.4	28.4	21.6	20.8	19.9
14	18.6	20.5	22.2	25.4	30.7	29.0	30.7	29.0	28.2	23.5	22.1	22.0
15	19.0	20.6	24.4	24.8	27.6	30.2	30.1	28.2	27.8	25.0	22.7	21.7
16	19.0	21.4	24.6	22.8	27.3	32.4	29.8	28.0	28.0	25.6	22.3	21.9
17	19.8	22.2	26.6	25.2	27.0	31.4	30.9	28.5	27.6	26.6	21.0	21.9
18	20.8	20.0	26.4	25.9	27.3	30.3	31.2	29.0	26.0	26.8	21.6	21.5
19	21.3	17.1	21.6	26.8	27.6	29.3	29.7	29.0	26.8	26.0	20.8	17.0
20	21.5	16.6	21.3	26.9	29.7	29.7	28.8	29.4	26.0	25.4	19.0	18.0
21	21.2	16.8	21.6	26.3	28.8	29.9	28.1	30.6	25.8	25.8	19.0	18.2
22	20.2	16.5	19.7	23.5	25.0	29.4	27.3	27.9	25.0	24.8	20.8	16.1
23	19.5	18.6	19.2	24.4	25.9	28.5	27.1	28.0	25.4	24.5	20.8	18.2
24	20.2	16.3	17.8	26.2	27.0	29.9	29.2	27.8	25.1	23.6	21.0	19.1
25	18.6	16.2	18.3	26.5	27.6	30.9	29.0	27.0	25.2	25.0	20.8	20.1
26	14.4	16.5	19.0	26.4	28.2	30.9	30.0	26.0	26.2	25.9	18.7	20.4
27	14.8	15.9	19.5	26.0	27.6	31.7	29.4	27.6	25.8	27.0	16.9	20.1
28	16.2	13.8	21.2	24.8	28.3	32.2	28.8	28.8	26.4	26.2	17.4	19.5
29	19.0	-99.0	22.9	26.0	29.2	33.0	28.8	29.5	26.6	24.2	19.1	19.2
30	19.5	-99.0	22.6	25.9	31.0	33.2	28.8	30.3	26.3	21.0	16.1	20.0
31	20.3	-99.0	20.4	-99.0	31.7	-99.0	29.1	30.5	-99.0	20.8	-99.0	21.8
1987												
1	21.3	19.0	15.8	24.1	27.6	29.5	32.5	30.5	29.2	25.2	26.4	15.7
2	22.5	19.9	17.1	25.3	30.2	25.8	30.2	30.6	28.0	26.0	26.4	14.5
3	22.8	18.6	16.8	19.0	31.2	28.1	28.9	30.4	28.3	26.2	20.4	14.4
4	22.0	16.4	18.9	21.5	27.9	29.8	28.7	29.9	28.3	27.2	19.4	16.7
5	19.4	17.2	21.4	27.3	27.6	29.2	28.0	30.2	28.7	27.6	19.6	16.5
6	19.5	18.6	23.5	25.9	28.4	30.1	29.3	30.5	28.8	27.7	20.1	15.2
7	20.9	18.3	26.1	23.0	29.4	28.4	30.2	31.5	28.3	25.3	18.9	13.4
8	20.1	19.1	25.9	21.3	29.3	24.3	30.5	29.2	27.0	24.8	18.2	12.9
9	18.6	19.2	26.7	23.2	28.0	25.9	30.5	28.1	25.8	26.4	20.1	14.4
10	19.2	20.7	25.2	26.2	26.6	28.9	30.4	28.1	27.8	27.3	21.5	16.6
11	20.8	22.0	24.6	27.5	26.4	31.2	31.0	27.6	27.7	28.1	23.6	17.0
12	20.0	22.9	24.7	27.6	27.3	31.6	31.4	27.6	27.4	28.7	23.9	17.0
13	19.2	22.9	25.2	21.3	27.7	32.7	31.4	27.9	25.4	28.5	24.3	18.8
14	17.9	22.6	25.4	18.6	27.1	32.2	28.7	29.0	26.6	27.9	24.5	18.6
15	18.6	22.6	25.6	18.4	27.9	28.7	29.6	29.1	27.2	28.4	25.8	16.6
16	20.1	22.0	24.6	19.6	31.8	25.8	29.5	25.4	26.6	27.8	25.5	17.0
17	20.1	22.9	26.5	20.7	28.2	27.6	29.5	28.0	27.0	28.4	25.5	14.9
18	20.1	23.1	25.8	22.6	27.3	28.4	29.8	26.9	27.0	28.2	20.0	14.5
19	20.6	23.1	25.1	24.5	29.7	29.0	31.3	29.2	26.8	25.6	21.0	15.3
20	21.3	23.0	25.5	25.9	32.3	30.2	32.7	29.6	26.8	25.3	21.7	17.0
21	21.1	21.3	26.0	26.6	33.5	30.4	32.9	28.2	26.5	27.8	23.2	16.4
22	21.9	22.0	26.9	25.2	33.4	30.9	32.0	26.2	25.8	25.5	23.7	15.6
23	22.0	22.9	28.5	26.8	32.4	32.2	28.5	27.5	25.4	21.3	24.0	15.9
24	20.2	22.0	29.1	26.6	33.0	32.9	28.0	28.8	26.4	21.6	24.1	16.1
25	16.7	20.2	24.3	27.5	32.8	33.5	29.3	29.8	26.6	21.3	24.6	18.3
26	11.9	22.0	18.6	26.7	33.0	33.8	30.2	30.4	22.8	21.5	25.7	18.8
27	12.8	20.0	19.4	24.6	29.6	32.4	31.1	30.5	24.3	21.9	25.4	19.6
28	-99.0	16.9	21.0	24.2	27.8	31.8	32.2	31.5	26.0	23.0	23.8	20.0
29	17.3	-99.0	21.8	25.6	25.6	32.2	29.7	30.6	26.7	24.6	17.7	21.0
30	19.0	-99.0	22.6	26.8	26.9	32.2	30.1	30.7	26.8	26.0	15.3	20.6
31	18.8	-99.0	24.1	-99.0	29.0	-99.0	29.1	29.0	-99.0	25.9	-99.0	20.0
1988												
1	20.0	22.4	16.2	17.8	26.6	26.8	30.9	28.1	31.4	23.4	20.3	17.4
2	19.9	19.4	14.6	18.4	26.9	28.0	30.9	25.8	31.4	23.5	20.5	17.0
3	20.7	18.4	13.3	18.2	26.5	27.5	29.1	27.6	32.6	22.9	21.9	18.1
4	21.4	18.6	13.2	19.2	29.5	27.1	27.9	29.5	30.5	23.4	20.7	18.9
5	20.1	20.2	12.7	20.0	29.2	25.6	29.1	30.5	28.0	24.0	19.9	19.5
6	16.4	20.4	13.4	21.7	28.2	26.7	30.2	28.1	29.0	25.1	19.4	19.3
7	19.0	21.5	12.8	20.2	28.1	26.7	30.8	27.7	29.2	25.9	20.1	21.4
8	19.6	19.2	13.2	16.8	29.6	28.3	31.8	28.6	29.3	25.2	20.2	22.0
9	19.3	16.8	14.6	18.4	29.2	30.3	32.4	28.0	29.2	24.1	19.7	19.0
10	19.6	16.4	16.5	18.8	28.6	31.9	32.5	27.8	28.1	24.8	19.9	16.1
11	18.9	15.4	19.3	19.8	27.4	31.7	30.7	29.8	28.6	22.3	20.4	16.2
12	18.1	16.3	20.6	20.4	27.6	31.6	29.0	30.2	28.8	23.6	20.0	15.7
13	17.9	18.2	22.4	21.0	27.5	30.2	29.1	28.6	28.8	24.6	18.8	16.9
14	18.8	18.7	25.7	20.8	26.2	29.7	28.4	28.7	28.8	25.0	21.0	18.4
15	20.6	17.1	25.4	20.9	24.6	30.0	29.2	29.0	27.0	25.8	21.3	18.7
16	19.8	17.9	23.4	21.5	25.8	30.4	29.0	29.1	25.8	24.7	22.4	18.4

17	19.9	15.5	19.1	22.6	26.9	28.4	28.9	30.0	23.3	25.2	22.3	16.9
18	16.1	11.9	16.8	22.4	27.9	28.8	29.5	30.2	23.8	25.5	21.8	16.9
19	14.3	11.6	17.2	23.6	28.6	30.5	30.9	30.2	25.9	25.8	20.4	18.9
20	17.1	13.6	18.3	27.7	30.9	30.2	32.0	30.0	26.5	25.6	18.2	19.0
21	18.4	14.9	20.2	30.2	33.0	31.2	30.9	30.2	26.5	25.6	18.5	20.4
22	20.4	17.1	19.2	24.2	32.4	33.1	31.0	30.6	26.2	25.8	20.4	20.7
23	19.8	18.4	17.0	21.6	31.2	33.2	32.2	29.5	26.6	23.5	21.8	20.3
24	20.3	19.8	16.8	21.6	33.9	32.4	31.9	29.0	26.5	23.5	22.1	20.3
25	21.8	21.1	18.0	22.5	33.4	32.4	31.3	28.6	24.2	23.2	21.2	20.7
26	22.1	22.3	19.6	24.0	28.5	32.8	30.7	29.1	24.7	24.1	21.1	19.4
27	19.5	22.9	22.0	25.2	28.0	32.2	30.5	28.7	25.5	23.5	17.3	18.4
28	17.8	22.8	24.2	24.9	27.5	31.5	32.6	29.4	21.6	20.9	17.6	19.0
29	19.0	18.6	20.0	24.2	28.6	29.4	30.9	29.4	22.3	17.4	16.4	19.2
30	20.3	-99.0	17.6	25.0	27.8	30.2	27.0	29.1	24.2	18.0	16.3	17.9
31	21.6	-99.0	17.4	-99.0	27.0	-99.0	27.2	30.3	-99.0	19.4	-99.0	18.5
1989												
1	18.3	14.2	21.1	21.5	25.6	26.4	30.0	28.0	29.3	27.6	23.4	16.6
2	18.4	13.4	22.1	24.6	27.2	27.9	29.6	27.7	29.1	27.4	25.1	16.4
3	18.5	11.4	22.5	28.1	25.4	28.4	29.2	28.8	29.7	23.2	24.7	17.3
4	19.2	12.4	19.1	29.8	23.5	28.4	28.6	29.1	30.6	23.6	25.1	18.4
5	18.8	13.7	14.3	24.1	23.4	28.0	27.0	28.0	30.0	24.3	26.0	19.3
6	20.2	14.5	14.5	21.3	24.3	30.1	27.8	29.3	26.4	23.8	25.6	20.5
7	21.9	14.8	13.4	21.4	26.0	30.2	29.2	30.3	26.0	25.2	25.4	20.6
8	22.0	14.6	14.0	19.5	27.3	30.8	30.4	28.7	26.5	24.8	25.0	20.3
9	20.0	14.1	15.1	19.3	29.6	28.1	30.0	27.0	27.1	25.0	23.2	20.1
10	20.3	14.2	17.1	20.8	30.3	26.5	28.6	27.5	28.2	23.5	20.9	20.1
11	22.2	14.2	18.4	22.2	29.4	25.1	29.0	26.5	29.0	20.8	22.3	19.9
12	21.5	14.1	19.6	24.0	28.5	25.5	28.0	27.2	28.9	24.8	24.1	19.4
13	15.1	14.3	21.5	24.6	28.2	26.1	27.1	28.1	28.5	23.6	24.5	20.3
14	11.9	17.6	22.0	24.6	22.3	27.2	28.0	28.0	28.0	26.0	23.5	19.2
15	11.9	19.7	22.3	20.3	23.1	29.1	28.6	28.3	27.1	25.9	21.2	18.2
16	12.4	20.3	21.6	20.5	25.9	30.4	29.1	29.6	26.7	25.7	19.5	17.8
17	14.8	20.2	21.6	22.4	26.6	31.6	31.2	30.2	26.6	24.6	19.6	18.6
18	16.3	19.0	22.7	23.7	26.4	31.8	31.4	30.2	26.8	23.0	18.6	19.3
19	15.4	19.9	23.6	25.0	26.6	31.6	28.8	30.2	27.6	20.4	17.8	19.8
20	15.7	20.4	23.2	25.8	27.5	31.3	30.2	26.8	28.9	21.4	19.4	19.4
21	16.3	20.8	19.0	25.4	28.3	31.0	29.3	26.8	29.5	21.7	19.5	20.6
22	14.0	20.0	18.6	24.6	27.5	31.2	29.5	26.4	27.0	19.0	19.6	21.4
23	14.5	19.2	19.7	22.4	27.8	30.9	27.1	25.6	27.0	19.9	19.2	20.3
24	14.4	20.2	20.7	22.0	27.6	29.0	25.8	24.5	26.8	22.5	19.4	20.0
25	14.4	16.9	19.5	23.2	25.2	29.0	28.8	26.6	28.2	24.2	19.7	21.0
26	14.3	18.5	16.6	24.2	25.7	26.6	30.2	28.0	27.4	24.6	21.0	22.4
27	13.2	19.4	18.2	25.6	27.7	27.6	31.2	29.0	27.3	25.0	20.4	20.3
28	13.3	19.8	19.2	26.9	27.6	28.9	29.1	29.4	27.3	25.4	19.8	21.0
29	13.2	-99.0	18.6	26.5	28.7	30.3	26.3	29.6	27.0	25.6	17.4	21.0
30	12.8	-99.0	19.9	25.1	29.7	30.8	27.2	29.8	27.1	25.4	15.3	16.5
31	13.9	-99.0	20.5	-99.0	28.2	-99.0	27.4	29.5	-99.0	23.6	-99.0	16.5
1990												
1	17.9	11.6	16.1	25.0	27.2	26.8	31.4	29.4	29.8	25.5	24.5	15.8
2	17.2	13.2	15.7	26.6	27.4	25.0	29.5	31.0	30.0	25.0	24.9	14.5
3	17.0	14.0	15.4	26.6	27.6	25.6	28.0	31.5	28.0	26.1	25.5	14.9
4	17.8	13.4	15.7	23.0	21.9	26.5	30.2	29.0	28.1	25.0	27.3	15.7
5	19.2	14.0	14.5	18.4	22.6	29.0	29.5	29.1	27.8	24.6	26.4	15.4
6	19.6	14.8	13.9	20.7	23.5	32.0	30.6	29.8	28.6	24.4	25.3	16.5
7	19.5	16.6	15.8	21.8	24.1	31.8	31.4	29.6	28.8	24.5	25.7	17.6
8	20.8	18.5	15.6	23.4	25.3	31.7	30.9	29.8	29.7	24.7	26.2	20.0
9	20.6	19.2	15.4	24.6	26.5	26.3	30.0	30.5	30.4	23.8	21.6	20.2
10	22.9	20.4	17.6	26.5	27.7	27.8	30.0	31.6	29.7	24.6	19.6	20.0
11	22.4	19.5	19.6	25.6	25.3	28.4	31.3	30.6	30.6	25.0	20.1	20.4
12	22.5	18.6	20.1	22.8	25.0	29.5	31.5	30.2	29.3	24.9	20.3	21.2
13	22.8	20.4	20.9	22.6	26.2	30.4	32.2	29.5	27.6	24.7	21.2	21.0
14	22.6	22.1	22.2	24.0	26.1	30.8	31.0	29.7	26.6	24.8	21.0	21.3
15	22.2	22.6	20.7	25.4	26.8	31.1	31.5	29.2	25.9	24.8	21.3	21.7
16	16.7	22.0	20.0	30.3	27.6	29.0	31.7	29.6	27.5	26.0	19.9	21.2
17	17.4	22.6	19.0	26.0	21.6	29.0	31.7	29.6	27.4	26.0	21.0	21.0
18	18.6	22.2	18.9	24.1	24.0	29.1	31.7	30.2	27.4	26.0	23.6	21.8
19	17.5	23.2	20.0	27.8	25.9	30.2	30.5	30.6	23.0	25.0	25.3	22.4
20	15.1	24.2	20.3	31.2	27.2	29.5	30.6	31.8	24.8	24.2	24.5	22.3
21	14.3	23.4	22.8	32.0	27.4	28.6	28.3	32.1	26.9	26.1	22.6	22.4
22	15.0	23.3	23.2	32.4	28.6	28.5	24.8	32.3	27.7	27.1	19.7	20.2
23	14.4	21.9	25.2	27.6	27.5	29.2	25.0	32.6	27.8	27.0	21.0	17.3
24	14.9	17.0	28.6	22.8	23.8	30.0	27.5	32.4	27.5	25.8	21.2	18.1
25	15.4	15.2	27.6	22.3	22.7	30.2	29.1	28.1	26.0	20.8	22.2	19.3
26	16.3	14.4	24.4	22.2	24.9	30.7	29.6	26.8	26.8	21.2	21.6	20.9
27	17.4	14.6	24.9	23.7	26.0	30.2	30.2	27.3	27.3	22.5	20.3	21.2
28	18.3	16.4	24.5	25.0	26.9	29.8	29.4	26.4	27.4	23.6	20.4	21.8
29	20.3	-99.0	25.0	26.3	27.6	29.8	27.4	25.4	26.3	22.1	20.9	22.2

30	21.1	-99.0	25.0	26.7	28.4	31.0	28.0	28.0	26.2	21.5	19.4	21.6
31	18.2	-99.0	24.8	-99.0	29.5	-99.0	28.4	28.4	-99.0	23.9	-99.0	22.0
1991												
1	21.7	15.8	22.9	15.3	30.5	28.6	28.5	29.8	29.3	27.0	21.8	21.1
2	21.8	15.5	22.9	16.8	24.1	29.3	28.9	30.3	29.3	27.5	21.1	22.4
3	23.4	17.2	19.8	18.5	23.6	29.2	30.1	30.6	27.5	27.5	20.0	21.9
4	23.7	16.7	20.8	20.7	26.1	28.1	31.2	29.6	26.9	27.0	21.8	18.9
5	19.1	17.9	23.7	22.6	28.5	28.5	31.3	29.7	28.9	23.9	23.1	20.7
6	16.6	20.4	25.7	21.7	30.3	28.1	31.6	29.0	29.0	21.7	23.7	21.0
7	18.2	22.0	24.0	21.9	28.5	28.3	31.1	28.8	29.8	21.9	24.3	21.3
8	18.2	21.2	24.3	23.6	23.0	28.5	30.2	30.3	30.6	23.8	24.3	21.2
9	17.0	22.7	24.0	25.6	21.6	31.4	29.2	31.7	30.5	23.4	22.5	20.1
10	19.8	22.9	24.3	28.0	23.8	31.1	28.7	31.5	29.1	25.2	22.3	20.8
11	21.2	23.1	24.6	28.5	26.3	30.7	29.0	30.9	27.7	26.3	22.7	21.3
12	17.2	22.8	24.6	26.7	27.3	30.8	29.6	28.8	27.8	26.9	20.3	20.7
13	17.2	23.3	24.1	25.4	27.5	30.1	28.2	29.5	27.4	27.6	20.3	20.2
14	17.3	24.6	23.9	25.8	27.3	31.6	26.6	26.7	26.5	27.1	20.6	18.3
15	14.5	20.7	24.2	25.7	27.7	33.5	29.3	28.1	27.0	27.2	19.4	19.3
16	16.7	20.6	22.1	26.4	26.3	32.9	29.2	28.4	26.2	27.6	18.4	19.5
17	18.2	19.7	19.8	25.8	27.2	31.5	30.0	25.7	27.3	25.0	20.8	20.2
18	19.7	20.0	20.3	26.1	28.3	31.7	29.9	27.0	27.6	22.9	19.7	20.3
19	21.1	19.7	22.1	24.5	30.0	31.6	30.1	27.5	28.2	23.5	19.8	19.9
20	21.9	15.9	25.7	21.6	29.4	31.6	30.3	28.1	27.8	22.6	20.4	20.5
21	22.3	14.3	26.6	20.2	29.7	33.1	30.5	30.0	27.7	22.0	21.4	19.9
22	23.3	14.5	24.3	20.7	31.8	31.4	28.7	30.6	25.5	21.7	21.3	20.3
23	23.1	16.4	24.0	21.4	32.8	26.4	27.5	29.0	25.6	21.1	23.5	21.9
24	21.8	16.6	25.0	22.8	32.6	27.4	28.0	28.5	26.6	21.6	23.9	23.2
25	21.6	19.2	25.4	23.9	32.5	24.6	29.1	27.2	27.3	22.5	20.7	22.9
26	21.2	20.7	25.3	24.5	30.3	26.1	27.9	26.9	27.6	23.5	17.7	22.6
27	18.0	22.0	24.9	25.5	28.3	27.3	28.1	27.9	27.6	24.3	18.8	23.7
28	18.1	22.3	23.8	26.7	28.1	27.7	30.8	25.3	26.5	22.1	19.4	11.2
29	18.4	-99.0	22.1	27.1	28.0	30.0	31.0	27.3	23.9	21.2	21.7	10.0
30	18.6	-99.0	21.5	27.8	28.3	29.5	32.0	28.3	26.0	21.3	21.6	11.4
31	19.3	-99.0	16.8	-99.0	27.9	-99.0	31.7	27.8	-99.0	21.7	-99.0	14.6
1992												
1	16.8	20.9	21.7	19.9	27.9	29.8	30.3	28.8	30.2	26.4	22.5	17.4
2	18.0	21.8	23.3	20.9	27.7	28.3	31.2	28.9	29.4	26.3	22.1	16.7
3	17.7	21.8	23.4	21.6	27.6	28.3	32.5	28.4	28.3	27.1	23.4	15.6
4	17.1	22.3	21.6	21.8	26.6	28.2	32.8	28.3	29.0	25.9	22.8	18.4
5	18.5	22.0	16.5	23.1	27.0	28.2	32.5	29.0	30.6	24.3	22.2	19.2
6	19.7	19.3	16.2	23.5	27.5	30.5	31.3	28.3	31.5	23.6	22.8	21.0
7	15.7	17.3	14.9	23.4	29.4	28.7	28.6	29.7	28.8	24.3	24.0	20.9
8	13.2	17.6	15.5	23.4	31.4	26.2	24.8	30.5	25.6	22.4	23.3	20.7
9	14.2	17.6	17.0	23.6	29.1	27.5	24.7	30.2	27.7	21.7	15.8	21.0
10	13.3	17.0	17.6	24.5	26.2	28.4	27.2	29.0	29.1	22.3	17.1	21.5
11	15.1	16.1	18.4	23.4	26.4	28.3	28.2	28.2	30.1	23.5	16.0	22.2
12	17.8	15.1	19.7	22.7	27.0	29.0	28.4	27.9	28.9	24.8	18.3	22.5
13	17.1	14.7	21.4	20.2	27.6	30.5	27.6	29.0	27.9	21.7	18.0	22.9
14	14.2	17.3	22.1	20.0	27.7	31.2	28.5	29.7	27.6	21.3	18.3	22.5
15	13.0	17.7	22.5	20.0	27.3	30.8	27.9	27.2	28.3	21.6	17.9	18.2
16	13.9	17.5	22.3	22.0	29.3	31.0	28.4	25.7	28.8	22.4	16.8	17.2
17	13.4	17.3	22.2	22.5	31.1	31.0	28.5	25.4	26.2	23.3	19.1	17.9
18	15.3	18.2	20.5	26.3	27.8	29.0	29.9	28.1	26.2	23.5	21.2	20.3
19	16.7	18.0	21.7	29.9	25.6	28.4	32.0	29.0	24.1	23.4	22.2	20.3
20	16.6	14.6	23.1	27.9	26.0	28.0	32.2	30.1	25.9	22.4	21.1	21.2
21	15.5	14.0	22.7	31.7	26.3	28.9	31.9	30.4	24.9	22.4	18.5	21.4
22	16.5	14.1	23.7	26.7	27.3	30.6	28.7	28.9	26.8	22.9	18.9	20.9
23	16.4	14.5	24.0	25.3	27.5	32.5	26.8	27.9	27.8	23.4	19.7	21.0
24	18.1	16.0	23.8	26.2	27.7	33.2	27.8	26.6	27.7	23.6	20.0	13.2
25	18.0	16.6	22.6	26.4	28.0	33.1	27.0	26.3	26.2	23.4	21.4	13.5
26	17.7	17.6	20.1	26.3	27.5	30.0	26.9	26.4	25.7	22.1	19.8	16.4
27	19.0	16.9	18.0	26.3	26.5	25.8	26.1	27.2	25.4	22.0	18.7	18.5
28	20.6	19.6	17.6	26.4	27.3	25.8	25.0	27.9	24.8	20.5	19.0	20.2
29	20.9	20.6	17.6	26.4	26.6	25.8	26.5	29.5	25.0	18.9	18.1	21.6
30	21.0	-99.0	19.2	27.6	31.6	29.2	27.8	30.2	25.8	21.2	18.0	22.7
31	20.9	-99.0	19.9	-99.0	30.8	-99.0	28.1	30.5	-99.0	22.6	-99.0	21.4
1993												
1	20.4	16.0	16.2	24.5	29.1	31.9	31.0	30.4	26.1	25.1	20.0	21.8
2	21.1	14.9	16.6	26.4	30.1	33.1	31.4	28.2	27.4	22.8	20.0	21.5
3	21.8	16.3	17.4	26.4	23.8	31.1	32.0	29.8	27.5	23.8	20.3	23.3
4	22.2	17.6	17.3	26.1	24.3	32.3	32.3	30.6	27.7	24.0	21.6	22.1
5	21.7	18.0	19.1	23.6	26.4	32.5	32.2	31.3	27.5	24.5	23.0	18.4
6	22.0	18.4	20.1	22.8	27.9	31.4	31.2	32.1	25.5	24.0	23.3	16.3
7	22.2	18.8	20.7	18.6	28.0	29.9	31.8	32.2	24.1	23.7	23.4	17.2
8	22.7	20.6	21.4	17.6	28.6	32.7	31.6	31.9	24.2	23.9	23.9	16.3
9	21.7	20.4	22.5	17.4	29.0	32.3	30.9	32.0	24.8	24.3	24.7	18.3
10	21.7	19.9	21.7	19.4	27.7	32.1	28.7	30.9	26.2	24.5	24.4	17.2



11	21.7	20.2	21.3	22.8	26.6	31.2	26.6	32.1	26.4	24.0	24.4	18.5
12	22.8	20.3	22.6	22.8	26.5	30.8	25.7	32.5	28.0	24.8	23.8	20.7
13	22.9	20.7	22.5	22.4	29.1	31.4	28.0	28.5	28.2	24.7	23.5	22.2
14	22.4	20.6	25.9	22.6	27.6	32.3	28.7	29.1	28.4	25.3	24.1	20.3
15	14.5	21.7	27.4	23.3	25.8	31.9	29.8	29.6	28.8	25.0	24.3	16.3
16	10.8	21.3	28.5	24.7	25.9	31.8	29.7	28.4	28.6	23.1	24.7	13.0
17	10.4	21.7	23.3	25.8	26.1	32.9	31.0	26.7	28.8	23.8	24.5	13.5
18	11.3	22.8	17.7	25.6	26.5	32.5	32.0	28.7	27.2	20.9	23.9	14.6
19	11.9	22.9	15.5	26.1	27.9	32.8	32.2	30.3	25.8	20.2	24.0	15.5
20	12.5	23.1	15.6	26.5	29.1	33.3	32.0	30.0	26.1	21.3	24.5	15.4
21	11.5	23.6	16.3	24.3	29.8	33.2	32.1	30.1	26.8	22.1	19.9	17.3
22	12.1	22.8	17.8	24.9	28.0	32.5	31.4	27.2	27.4	21.6	17.7	15.9
23	11.6	20.3	20.1	27.1	27.5	28.4	31.0	27.9	26.5	23.3	18.1	14.7
24	11.3	17.7	22.1	29.7	28.5	29.9	31.1	28.8	27.4	23.8	18.5	13.9
25	12.7	18.5	23.6	28.3	26.4	28.8	31.2	28.6	27.3	24.1	17.6	14.3
26	14.2	19.6	25.6	26.3	27.6	28.9	32.3	29.2	27.5	25.0	16.2	13.9
27	14.4	21.2	26.8	26.3	28.0	28.6	32.2	28.8	27.3	24.7	16.2	14.6
28	13.7	17.9	25.4	27.5	27.6	30.3	30.3	28.6	28.3	25.8	17.8	15.5
29	12.5	-99.0	21.8	27.8	27.0	29.3	30.1	25.5	29.1	23.4	18.9	15.8
30	13.3	-99.0	19.5	27.3	28.3	29.6	31.5	26.7	25.9	19.6	20.3	16.7
31	13.9	-99.0	20.2	-99.0	29.8	-99.0	31.8	26.1	-99.0	20.5	-99.0	18.8

1994

1	17.1	20.2	13.8	22.4	29.8	27.9	28.8	28.9	25.7	26.1	21.4	24.6
2	19.0	18.9	13.1	22.4	32.1	27.1	29.9	27.6	26.6	26.6	20.3	23.9
3	19.5	18.1	14.3	23.4	33.8	26.9	30.6	26.8	27.1	26.0	20.8	21.7
4	21.1	18.8	16.9	23.9	31.2	28.5	30.3	28.2	27.6	26.6	21.2	17.5
5	22.3	20.7	17.8	24.4	22.0	29.0	29.3	30.0	27.7	26.2	22.1	18.0
6	21.5	21.6	20.4	24.5	21.5	29.0	29.7	30.6	26.5	26.2	21.9	18.6
7	20.6	22.0	20.9	24.6	23.4	29.1	28.8	29.3	25.4	25.9	22.4	19.7
8	19.9	22.6	20.3	25.0	24.9	28.8	29.6	28.1	27.6	26.0	23.2	21.3
9	20.2	21.8	21.3	24.8	26.2	28.3	28.9	28.8	28.7	26.7	22.4	22.8
10	21.0	22.1	19.7	25.4	27.2	28.5	27.8	29.3	27.8	25.6	22.4	23.6
11	22.3	23.0	19.2	25.3	27.8	29.7	29.3	30.3	27.9	26.4	22.1	23.9
12	22.4	22.6	22.6	24.6	27.5	31.5	31.0	31.5	25.3	25.6	22.5	23.8
13	21.7	21.3	21.5	21.2	28.8	31.1	30.7	31.6	23.8	26.6	23.4	21.1
14	17.5	22.5	16.7	21.0	29.9	31.8	29.4	30.3	25.5	27.8	23.9	18.7
15	17.6	22.0	15.8	20.9	30.3	31.5	27.6	28.5	26.1	28.3	23.5	19.7
16	19.5	19.9	17.1	22.3	29.4	31.1	27.4	27.5	26.3	27.1	24.0	19.8
17	21.0	18.1	16.8	24.2	27.4	31.3	27.6	28.0	25.9	25.4	23.4	20.9
18	21.4	18.7	17.4	25.9	25.1	27.7	26.7	28.8	26.8	25.6	22.7	17.7
19	19.2	19.1	17.8	27.0	25.5	25.5	27.8	27.7	28.2	24.5	21.6	17.1
20	16.4	18.7	19.1	26.6	27.0	28.0	27.9	28.1	29.6	20.8	22.6	16.3
21	11.7	18.0	18.7	26.8	28.0	28.4	29.9	29.1	29.6	20.7	23.8	14.2
22	11.8	19.5	17.8	25.7	28.7	28.6	30.6	27.6	28.6	19.6	23.6	15.6
23	12.7	23.4	16.0	26.2	30.2	28.3	30.9	27.7	26.2	19.8	22.5	18.1
24	13.9	23.3	17.5	26.9	30.5	28.0	31.1	26.1	25.9	19.5	21.4	18.4
25	15.3	18.0	18.6	29.1	30.3	30.0	31.0	26.4	26.8	19.6	21.6	18.4
26	16.1	16.1	18.0	29.7	30.4	28.8	30.4	27.0	26.9	20.1	22.4	19.3
27	18.6	14.3	16.7	27.8	26.5	28.6	27.0	28.8	26.2	21.2	22.5	19.7
28	18.5	13.5	18.3	26.8	26.8	28.1	27.0	28.1	25.2	23.1	23.7	20.2
29	20.0	-99.0	20.2	26.6	28.0	25.7	26.7	26.5	25.2	22.6	24.5	19.8
30	20.0	-99.0	20.8	27.7	29.0	27.0	25.3	26.5	25.5	22.3	24.6	20.8
31	21.1	-99.0	21.8	-99.0	27.4	-99.0	27.6	26.4	-99.0	21.1	-99.0	21.7

1995

1	20.1	12.0	17.3	20.8	26.6	28.0	30.4	28.5	29.0	25.8	24.1	22.4
2	17.8	12.6	18.5	19.5	26.2	27.8	31.3	30.1	29.1	27.6	20.6	21.9
3	16.3	12.7	18.2	18.1	27.2	30.2	28.3	31.2	27.4	27.9	19.8	21.6
4	12.9	12.6	17.1	19.0	25.8	31.2	28.1	29.2	26.0	26.5	21.2	21.7
5	14.3	12.6	17.1	20.3	21.9	30.1	29.7	28.5	27.6	26.1	21.5	19.7
6	13.3	13.9	18.3	21.0	24.5	31.2	30.2	28.8	28.7	24.5	21.1	17.3
7	15.2	16.1	19.4	19.6	25.3	31.1	29.9	28.9	29.2	22.1	20.2	17.1
8	16.9	16.8	21.1	21.3	24.9	29.9	28.4	28.0	28.3	23.2	18.1	16.3
9	18.9	19.0	21.8	22.5	25.5	29.4	29.1	27.7	28.5	22.7	19.8	15.8
10	18.7	18.4	19.9	24.0	24.8	30.6	30.4	27.5	28.3	24.4	21.8	17.7
11	20.3	19.0	20.0	24.2	25.4	29.9	32.0	30.2	26.0	24.0	22.7	19.3
12	19.9	20.4	18.6	25.2	24.6	27.1	32.1	29.9	25.5	24.6	24.1	19.9
13	16.4	21.3	18.0	26.8	25.9	28.1	32.4	28.1	25.8	26.8	23.6	20.5
14	16.5	19.3	18.6	26.4	26.8	30.6	31.1	28.7	25.2	27.0	18.8	20.7
15	17.5	17.0	20.9	27.0	25.6	31.6	30.7	29.1	26.7	27.3	18.2	21.5
16	16.5	17.8	21.8	26.1	22.9	32.7	30.0	28.5	25.0	26.8	18.7	22.7
17	16.8	18.7	21.3	25.4	26.5	32.1	29.6	28.0	24.4	26.4	19.9	22.8
18	18.7	20.8	16.0	25.4	31.1	28.7	27.4	29.0	24.8	26.4	20.6	19.5
19	19.2	21.2	16.1	25.5	31.2	29.5	27.3	29.3	23.9	26.1	19.2	17.0
20	20.3	20.4	17.2	26.3	32.1	30.9	28.9	28.2	25.5	26.3	20.5	16.3
21	20.6	19.3	18.0	26.3	32.3	32.6	31.0	27.7	26.2	26.2	18.0	15.9
22	22.0	16.9	19.5	26.2	26.2	32.7	32.0	28.0	26.6	26.4	18.4	16.7
23	21.4	15.9	20.8	25.7	27.7	32.5	32.5	29.0	26.8	25.8	17.7	17.0

24	15.8	15.7	22.3	25.4	30.8	32.3	31.5	29.4	26.0	24.8	18.3	17.8
25	15.5	15.6	20.0	26.5	31.9	32.0	31.4	28.9	26.2	22.7	17.0	18.2
26	15.8	14.1	17.8	26.3	31.9	32.6	31.0	28.7	26.2	23.3	18.0	17.8
27	14.5	14.7	19.2	26.1	28.3	31.6	30.2	26.9	26.7	20.7	19.8	16.9
28	12.7	16.1	21.8	26.4	28.8	28.2	29.1	27.0	26.9	21.6	20.9	15.8
29	13.9	-99.0	22.4	26.6	28.7	28.6	26.3	25.9	26.4	24.0	21.9	14.5
30	13.9	-99.0	23.9	25.7	29.3	29.5	27.2	26.5	25.6	24.5	21.8	14.2
31	11.7	-99.0	23.4	-99.0	29.2	-99.0	26.2	28.6	-99.0	25.0	-99.0	14.2
1996												
1	14.7	14.7	16.7	23.8	26.3	28.8	31.2	30.8	27.3	26.3	25.8	14.9
2	16.4	15.8	17.9	17.8	26.3	28.5	32.0	32.1	26.9	26.4	24.6	16.5
3	17.5	14.6	17.3	16.5	27.3	28.8	31.7	31.9	26.7	26.8	21.6	19.8
4	16.9	15.1	18.1	15.8	29.2	30.0	30.5	29.7	26.7	27.3	24.0	22.0
5	17.9	16.7	18.4	17.1	31.4	30.0	29.8	26.9	27.4	27.9	25.4	21.0
6	19.8	16.7	19.0	19.0	33.1	29.1	30.0	29.2	27.8	28.3	25.0	15.0
7	19.8	17.8	20.5	20.4	32.8	28.0	30.1	30.7	28.1	27.9	25.0	14.5
8	19.8	18.3	21.5	21.8	23.5	28.2	29.7	31.2	28.0	24.9	24.6	15.5
9	18.2	17.8	21.7	23.5	23.4	28.3	30.3	30.7	28.7	23.2	24.7	16.0
10	16.7	17.7	17.1	21.0	23.9	28.3	31.7	30.5	29.0	23.4	25.3	15.1
11	18.5	16.3	15.5	18.3	23.3	28.1	31.3	29.8	27.4	22.8	25.5	17.0
12	20.7	18.2	15.7	18.4	24.4	28.3	30.0	28.9	25.9	24.3	25.3	17.7
13	21.9	19.3	17.7	19.5	25.1	28.0	30.6	27.4	26.3	25.0	23.5	18.7
14	21.4	20.2	20.7	19.7	26.3	27.1	31.2	25.9	26.0	25.6	22.9	18.2
15	21.6	20.0	21.6	20.5	27.1	27.5	31.6	27.9	26.2	26.0	22.3	19.3
16	21.6	20.0	27.1	19.9	27.4	27.9	32.4	29.6	25.5	26.4	21.9	20.0
17	21.1	22.3	28.5	22.1	25.5	28.6	31.8	29.2	27.5	26.5	19.8	19.9
18	20.5	17.3	24.0	24.3	25.3	29.7	30.9	29.6	27.8	25.6	17.5	19.2
19	19.6	11.6	20.3	27.9	26.1	30.0	31.3	28.5	27.6	24.4	18.3	17.7
20	17.3	9.3	21.5	21.0	26.1	31.7	31.5	28.3	27.8	24.7	18.7	17.0
21	18.5	8.5	20.9	20.1	27.3	31.0	30.2	28.5	26.6	25.1	20.2	17.6
22	19.6	9.7	21.5	19.6	27.2	30.4	26.4	27.9	24.2	22.9	20.5	16.7
23	18.9	10.9	21.9	20.7	28.2	30.3	25.9	27.2	25.4	24.3	21.1	16.9
24	18.4	11.2	22.0	21.7	29.8	31.3	26.8	26.4	23.7	23.5	21.7	17.0
25	19.7	12.6	22.7	22.6	30.3	29.2	28.8	26.3	24.2	24.6	22.1	17.6
26	15.5	13.3	21.5	23.1	26.6	30.5	29.8	26.9	25.4	24.3	25.2	17.9
27	13.5	14.0	20.1	23.4	28.2	31.4	30.5	26.9	25.7	23.1	23.1	18.1
28	13.6	15.3	20.0	24.1	29.6	31.8	31.1	28.1	26.4	23.1	22.7	19.0
29	14.2	16.0	19.2	24.9	29.2	31.7	29.5	29.9	26.6	24.2	22.7	20.4
30	14.6	-99.0	21.1	26.5	28.6	31.3	29.4	27.8	26.3	24.7	19.1	20.9
31	14.3	-99.0	27.6	-99.0	29.4	-99.0	30.3	27.7	-99.0	25.1	-99.0	21.5
1997												
1	21.4	21.6	20.4	24.2	25.6	29.2	30.7	28.4	29.3	26.3	20.4	25.5
2	20.4	22.6	19.7	24.8	26.8	31.7	31.0	29.2	28.9	26.2	19.6	17.4
3	20.5	22.3	18.2	24.9	27.7	32.4	31.2	30.6	28.4	26.6	20.9	16.5
4	21.9	18.3	18.9	24.4	29.4	31.8	29.9	30.1	28.8	25.2	22.1	17.1
5	19.7	17.1	19.5	23.7	30.6	31.1	30.8	30.7	28.1	26.1	21.4	20.1
6	18.1	16.3	21.4	24.9	31.9	32.1	30.7	31.8	27.0	26.5	21.4	22.3
7	18.9	15.9	22.0	24.4	29.7	31.9	30.7	31.9	25.4	26.8	22.2	23.0
8	18.1	16.2	21.6	25.0	30.3	32.4	31.2	30.7	26.1	26.6	21.9	17.3
9	14.3	15.4	21.5	25.9	26.2	32.2	29.3	30.9	26.5	26.6	22.2	16.6
10	15.0	16.1	22.8	24.8	27.5	31.5	27.8	28.5	27.0	26.8	22.0	16.5
11	14.9	15.0	23.2	25.3	30.4	27.3	26.7	29.0	27.4	27.2	22.9	16.0
12	15.7	15.6	24.0	24.8	30.7	28.9	28.6	30.7	27.9	27.0	24.2	16.2
13	17.4	16.1	24.4	23.9	30.6	31.5	28.9	30.9	28.1	26.4	24.7	16.0
14	19.7	15.7	23.9	23.6	29.8	28.5	28.3	29.9	28.3	25.6	24.7	18.1
15	20.3	15.5	25.3	24.8	29.9	25.7	29.4	28.0	27.8	26.3	25.5	19.3
16	20.3	14.8	25.2	24.0	29.9	26.9	29.1	25.9	27.6	26.0	26.2	20.8
17	22.2	14.7	21.0	25.2	27.6	27.5	30.1	25.0	26.8	25.6	20.1	22.5
18	22.8	14.7	21.0	27.4	30.1	29.5	30.2	28.0	27.4	26.3	19.2	23.9
19	20.9	14.9	22.3	26.7	31.6	30.7	30.5	28.2	27.8	26.5	21.3	23.7
20	19.4	16.5	19.7	27.6	30.8	32.0	29.1	29.4	26.9	26.7	22.9	23.9
21	21.1	17.9	21.1	28.2	31.0	32.5	28.8	29.5	21.0	26.8	23.8	24.0
22	22.4	18.4	20.6	25.8	29.4	29.8	28.6	29.6	21.1	28.2	24.4	21.6
23	23.0	18.8	18.4	26.6	23.6	30.2	27.3	28.3	23.3	28.3	25.0	16.6
24	15.0	18.7	18.2	23.4	26.1	28.6	27.0	27.6	24.5	27.9	25.8	17.8
25	12.9	19.4	19.5	21.5	26.5	28.3	27.6	26.9	25.4	27.7	27.3	20.5
26	13.8	19.3	20.6	19.7	27.0	28.0	28.2	27.2	20.4	26.7	27.0	20.7
27	15.5	19.4	20.5	22.4	28.2	28.2	28.1	28.5	19.1	23.6	26.2	20.4
28	17.1	20.0	20.9	23.3	27.7	30.0	28.5	27.3	21.8	21.2	26.7	21.0
29	19.1	-99.0	21.7	24.2	25.3	29.6	27.8	27.0	24.0	21.2	26.6	21.1
30	20.1	-99.0	22.6	24.5	26.7	30.2	27.5	27.3	25.1	21.7	25.5	23.3
31	21.1	-99.0	22.6	-99.0	27.3	-99.0	28.5	28.6	-99.0	21.1	-99.0	22.3
1998												
1	22.2	21.1	17.1	23.3	29.3	31.4	27.7	32.1	28.5	25.7	25.7	25.2
2	22.2	22.0	18.1	23.2	29.3	32.0	29.0	32.4	28.3	24.5	23.8	25.7
3	22.0	22.7	19.6	23.2	27.3	31.6	27.0	32.7	28.8	25.9	22.0	24.1
4	22.9	19.0	19.9	22.9	26.0	32.1	26.5	31.1	29.7	26.4	22.5	18.5

5	21.6	12.6	21.1	24.0	27.0	28.4	28.2	30.0	28.7	21.5	22.3	19.2
6	19.9	11.5	24.0	24.9	28.3	27.8	29.7	29.3	27.2	23.3	23.8	18.9
7	22.6	13.9	26.7	25.9	28.0	29.2	30.7	30.3	28.2	24.4	22.4	18.0
8	23.4	15.6	28.3	25.8	28.3	31.7	30.6	28.1	28.7	25.9	22.9	17.0
9	23.0	17.7	28.7	26.5	27.9	30.5	30.0	27.6	29.0	25.8	23.5	17.2
10	22.6	18.5	21.6	26.8	28.3	29.2	31.0	29.3	27.6	26.5	23.1	17.8
11	23.8	19.8	18.0	26.0	27.3	31.1	30.3	31.0	27.4	27.2	22.9	18.8
12	23.4	21.7	16.8	25.9	27.3	32.1	31.9	31.1	27.9	25.4	22.5	17.7
13	24.4	23.1	17.7	25.5	27.9	32.0	31.1	30.2	28.0	27.2	22.0	16.4
14	26.7	22.8	19.1	26.8	28.5	33.2	31.0	30.3	25.9	27.4	24.0	18.6
15	20.3	23.2	20.3	23.9	29.6	34.1	31.4	29.9	26.8	26.7	21.8	14.8
16	21.3	26.4	22.0	24.7	29.2	34.1	31.6	29.5	26.9	26.9	24.0	14.1
17	21.4	25.6	22.9	24.0	27.0	33.5	32.4	30.0	24.8	28.0	26.0	16.9
18	18.2	23.0	23.5	22.7	27.8	32.1	33.0	29.1	26.8	26.4	24.8	19.2
19	15.5	23.0	24.3	23.3	28.7	33.0	33.7	26.6	25.3	25.9	24.9	19.7
20	14.9	22.4	25.0	25.4	30.0	32.0	33.9	26.2	27.3	24.4	22.6	20.9
21	16.0	20.2	22.6	29.3	30.8	33.1	33.9	27.4	25.6	24.2	19.5	21.2
22	17.7	17.3	16.8	31.5	33.4	32.7	33.3	27.2	27.1	23.7	19.5	21.5
23	16.2	18.5	17.4	31.1	34.4	31.6	33.0	28.8	26.0	23.7	20.9	21.0
24	14.1	18.7	18.3	29.4	28.1	31.9	32.1	29.6	27.4	23.6	20.3	20.5
25	13.2	17.5	19.6	28.5	26.4	31.6	30.5	30.6	28.1	23.8	20.6	20.3
26	14.5	17.0	21.9	29.3	26.9	30.7	31.5	31.8	26.7	24.5	21.2	20.1
27	16.2	17.7	23.1	28.2	28.2	27.9	31.7	33.2	25.9	24.0	19.8	19.9
28	15.0	17.5	20.9	29.2	31.5	27.4	30.9	32.9	26.8	24.5	20.5	19.3
29	14.9	-99.0	21.6	29.8	29.0	27.6	29.7	31.6	26.4	25.1	23.0	20.2
30	16.8	-99.0	22.6	29.4	27.8	27.9	30.5	27.1	25.8	26.6	24.0	19.8
31	19.3	-99.0	22.7	-99.0	30.0	-99.0	30.8	28.1	-99.0	26.1	-99.0	19.7
1999												
1	20.6	23.1	18.8	23.1	24.8	29.7	30.3	28.1	28.3	26.5	22.7	18.7
2	19.9	20.0	20.6	23.6	25.7	29.6	30.3	29.0	28.0	26.6	17.5	18.9
3	17.5	18.6	21.3	22.5	27.0	30.0	29.0	30.4	28.6	25.9	17.5	18.7
4	17.2	16.3	22.2	21.3	26.7	28.6	28.6	27.9	29.2	25.2	19.3	16.7
5	17.4	16.5	22.2	19.7	22.9	28.2	30.2	28.0	29.0	25.9	20.5	15.6
6	18.0	17.4	23.9	21.5	22.7	30.9	30.5	28.0	28.4	26.3	19.9	14.5
7	17.3	19.0	23.0	22.8	22.1	31.2	31.0	29.5	26.1	26.5	21.0	14.4
8	16.9	18.8	23.8	23.7	23.5	28.4	32.2	31.1	27.6	27.2	22.4	14.6
9	16.9	18.6	24.8	24.7	23.1	26.3	32.9	31.7	26.6	27.6	22.7	16.4
10	16.5	19.7	23.2	25.0	23.4	28.5	32.1	31.8	26.9	28.2	23.8	17.1
11	14.0	21.2	19.3	27.6	21.9	29.5	31.6	30.0	28.1	28.0	25.3	19.5
12	13.0	20.6	18.4	27.4	22.8	31.1	31.3	29.5	28.3	26.2	26.3	19.2
13	13.9	20.1	19.6	26.1	24.5	30.2	31.8	29.6	28.9	27.3	25.3	18.4
14	15.6	20.4	19.7	26.3	25.9	30.2	31.6	30.1	30.2	25.5	25.3	16.7
15	13.1	20.8	19.2	26.6	26.8	29.2	31.2	29.4	29.7	24.0	24.8	18.1
16	13.8	20.7	19.4	27.6	28.9	29.6	31.2	29.9	28.2	24.7	24.1	19.1
17	14.2	21.1	23.8	29.8	29.7	30.4	31.2	28.3	29.6	24.2	24.0	18.2
18	15.8	21.8	27.6	30.3	28.9	28.8	30.4	27.8	29.5	23.2	22.0	18.2
19	17.0	19.0	27.3	26.9	24.9	27.1	32.0	28.3	27.9	21.4	21.3	17.9
20	18.3	15.6	26.7	26.6	24.8	27.6	32.5	28.8	25.8	18.8	20.9	16.8
21	17.7	14.2	21.4	27.5	26.2	29.2	32.6	29.2	25.0	21.3	21.0	14.3
22	18.8	15.3	17.8	27.4	27.3	30.7	32.5	30.1	26.3	23.7	22.0	12.4
23	20.4	18.4	18.1	27.9	28.9	31.4	32.3	27.5	24.8	23.7	22.8	10.7
24	21.8	20.5	20.3	29.7	29.4	30.7	27.9	29.1	26.2	23.6	23.9	10.6
25	20.7	22.2	22.9	29.8	29.7	30.7	28.6	29.5	26.1	22.8	23.5	11.8
26	21.1	21.9	27.8	27.1	30.3	30.6	29.3	30.0	26.1	23.6	23.5	12.3
27	22.2	21.8	25.4	24.6	25.7	30.5	29.5	28.1	26.8	24.7	23.5	13.5
28	22.5	19.0	22.4	21.5	26.0	30.3	30.9	28.0	27.2	23.4	20.7	15.8
29	21.8	-99.0	20.4	22.9	26.7	31.0	30.0	28.2	26.5	24.4	16.5	18.1
30	22.4	-99.0	19.2	24.1	28.0	31.0	28.5	29.3	25.6	24.0	17.4	19.2
31	23.9	-99.0	21.0	-99.0	29.4	-99.0	28.5	28.3	-99.0	-99.0	-99.0	19.3
2000												
1	18.5	12.2	11.6	25.6	30.4	27.6	28.8	30.5	29.6	27.3	20.4	23.4
2	18.4	13.8	13.1	25.0	29.6	27.7	28.8	30.5	29.3	27.5	20.2	23.8
3	18.5	15.4	16.5	24.0	25.5	27.6	29.2	30.7	29.0	27.9	19.7	19.7
4	20.3	16.9	18.2	22.1	26.6	27.8	29.5	30.8	28.1	28.3	19.6	17.6
5	21.2	17.3	19.3	21.3	27.5	28.2	29.3	29.4	27.6	28.3	19.9	18.2
6	22.3	16.8	20.5	20.8	27.7	29.2	30.0	29.4	27.4	25.8	20.4	20.3
7	22.3	15.5	21.3	21.7	28.0	30.5	31.4	27.5	26.4	26.3	21.5	19.7
8	22.5	16.2	20.4	22.2	29.0	30.8	31.1	27.6	24.6	26.1	22.3	20.5
9	22.8	16.3	20.4	23.7	31.0	30.6	28.5	26.9	26.7	26.4	22.6	21.8
10	23.1	18.2	21.1	24.6	26.9	30.8	27.7	28.8	25.3	27.1	22.9	22.7
11	23.9	19.1	20.1	22.6	27.5	31.3	27.6	31.0	26.4	27.1	23.0	22.7
12	23.9	20.0	17.3	24.0	26.8	29.7	26.1	31.5	27.4	26.5	21.5	20.3
13	24.3	21.0	18.4	25.2	26.5	23.7	28.3	31.8	25.2	25.2	18.4	16.9
14	23.7	21.0	19.2	26.5	26.3	23.6	29.1	32.0	26.1	20.7	19.9	16.2
15	24.1	18.8	20.3	23.0	27.1	25.8	29.2	31.6	25.7	19.8	21.7	18.1
16	23.4	17.4	21.3	20.7	27.5	26.1	27.7	31.1	25.6	19.3	21.8	19.7
17	21.4	17.5	19.2	22.1	27.6	25.1	27.2	30.3	25.8	19.7	20.2	20.2

18	16.1	19.0	19.6	23.2	25.6	25.9	30.0	28.5	25.5	22.6	19.4	20.9
19	13.6	20.9	20.0	25.0	23.7	27.7	30.2	28.7	25.7	21.7	20.6	22.2
20	13.7	22.1	20.9	27.2	24.8	28.5	29.7	29.6	26.2	23.0	18.2	22.8
21	15.5	18.5	22.6	26.6	22.3	29.5	29.2	29.7	26.0	24.9	17.3	18.1
22	17.7	18.1	23.3	25.9	22.4	30.0	29.0	26.4	26.7	25.2	17.1	18.0
23	19.7	18.0	22.8	27.2	25.4	30.4	29.6	29.2	27.0	25.0	18.7	18.5
24	20.0	16.1	18.7	29.3	27.4	30.3	30.6	27.6	27.1	26.4	20.7	17.3
25	17.8	15.0	18.4	30.8	30.3	29.8	30.7	27.9	28.5	26.3	20.1	17.1
26	15.1	13.3	17.9	29.6	31.9	29.5	30.8	28.4	28.4	26.1	21.7	19.0
27	11.7	13.0	20.3	26.1	31.6	29.4	31.3	29.6	27.7	26.2	23.2	19.4
28	12.5	13.6	20.6	26.7	31.0	29.1	30.6	29.3	27.0	26.8	23.0	19.0
29	13.8	12.6	22.0	27.7	29.9	28.5	30.1	28.3	25.3	25.7	23.8	20.2
30	13.0	-99.0	21.6	29.1	29.0	28.8	30.9	29.4	26.9	23.2	24.0	21.2
31	12.4	-99.0	23.7	-99.0	28.6	-99.0	30.5	29.2	-99.0	-99.0	-99.0	19.6
2001												
1	17.9	16.8	17.4	24.6	24.7	27.5	29.4	31.4	27.2	27.6	25.5	23.5
2	19.1	16.4	17.6	24.6	23.9	28.3	29.4	28.3	26.3	27.6	26.2	23.9
3	21.7	16.8	19.1	26.1	25.4	28.3	29.6	26.4	26.4	27.6	26.7	22.4
4	22.0	16.2	18.8	26.3	25.8	30.6	28.7	27.6	26.2	24.8	26.4	22.8
5	20.9	17.6	19.6	24.0	28.2	28.9	29.1	27.4	26.4	25.1	26.3	23.3
6	21.7	19.3	20.7	23.8	30.6	29.5	31.1	27.1	27.2	26.8	21.9	23.3
7	23.2	19.4	22.0	25.1	31.5	31.0	31.8	27.4	29.7	27.4	21.2	18.6
8	22.6	16.4	19.0	30.4	32.7	31.1	29.8	28.3	28.7	27.4	22.1	19.4
9	23.4	15.2	16.2	31.3	31.0	31.5	28.9	28.7	25.9	24.4	22.8	21.0
10	17.5	13.6	16.8	29.4	23.7	30.7	29.5	27.0	27.3	25.0	22.0	19.2
11	16.4	16.1	17.9	21.7	24.4	30.0	31.0	27.7	24.7	25.2	20.8	18.9
12	17.7	18.4	16.2	17.6	26.2	30.5	32.2	28.4	24.5	26.2	20.1	20.1
13	18.3	17.7	16.8	19.3	26.8	28.3	32.1	28.6	26.2	26.4	18.6	18.8
14	17.6	15.1	19.8	21.2	27.1	27.7	30.1	28.2	27.7	27.0	16.6	14.5
15	15.2	15.0	21.6	22.2	27.1	29.0	29.8	27.4	28.6	26.6	15.9	15.6
16	13.4	17.4	23.4	23.4	24.4	30.0	29.9	26.7	28.8	25.9	17.5	18.7
17	16.0	16.7	23.5	24.5	25.4	30.8	29.1	28.0	29.0	25.4	17.9	19.9
18	17.9	18.3	22.6	26.0	26.4	30.9	30.0	28.4	29.4	24.9	18.4	19.5
19	19.3	20.5	22.6	29.2	26.0	32.6	31.9	29.2	29.1	24.0	19.8	17.4
20	20.2	21.2	24.0	31.6	27.5	32.9	30.4	29.1	28.6	25.7	18.3	17.1
21	21.4	21.0	22.9	32.1	30.7	29.4	26.2	29.5	28.6	25.8	18.7	14.4
22	22.5	21.8	24.3	25.9	29.0	26.8	26.8	29.4	26.3	24.9	18.1	14.7
23	23.5	23.1	26.8	23.6	30.3	27.3	28.1	30.7	26.0	24.4	18.5	13.7
24	23.5	22.8	27.6	23.0	30.3	28.5	29.4	31.9	26.0	23.8	20.8	14.5
25	26.3	17.8	26.3	22.0	30.6	28.4	30.1	29.1	27.6	24.3	20.1	15.7
26	17.9	17.0	22.0	22.4	28.6	28.6	30.2	27.0	27.9	25.6	19.4	16.2
27	14.3	17.9	22.5	24.5	26.7	29.0	30.0	27.3	27.8	26.1	20.1	15.6
28	14.0	18.1	22.1	26.8	24.0	29.5	30.5	25.9	25.8	23.3	20.3	16.4
29	14.6	-99.0	22.0	27.4	27.1	28.8	31.3	28.1	26.6	22.3	21.3	16.7
30	16.4	-99.0	21.4	27.8	28.0	29.0	31.6	27.9	27.2	21.3	22.4	16.1
31	17.0	-99.0	23.2	-99.0	25.9	-99.0	32.3	27.6	-99.0	24.2	-99.0	17.1
2002												
1	19.2	15.7	23.0	23.1	27.7	30.0	30.1	30.2	26.1	26.6	24.5	22.1
2	18.1	13.3	22.6	24.4	26.2	32.5	29.3	28.8	26.4	26.6	23.5	23.2
3	17.0	14.9	22.9	25.6	27.6	28.7	29.0	30.0	25.9	26.7	21.1	24.1
4	17.0	16.0	22.5	27.2	27.4	27.1	30.1	29.8	26.0	27.4	20.6	24.0
5	16.7	16.0	22.9	28.1	27.0	28.9	29.6	30.2	26.0	26.6	19.7	24.9
6	17.5	17.5	17.5	28.0	27.2	29.9	27.7	30.2	27.4	24.0	19.0	25.5
7	18.5	18.5	17.8	27.0	28.2	30.1	29.2	30.0	27.8	25.3	21.7	24.9
8	17.4	19.4	17.5	25.9	27.8	30.5	29.6	30.5	27.5	23.3	21.7	21.2
9	18.3	20.4	19.8	25.9	28.4	30.8	29.2	29.9	27.2	22.5	21.3	15.5
10	18.0	18.8	21.3	26.5	27.5	30.4	30.6	29.9	27.7	22.6	22.8	16.2
11	20.0	16.5	22.4	19.0	26.5	30.5	31.3	28.6	28.4	21.9	23.2	16.2
12	20.6	17.5	22.5	20.9	26.8	29.6	31.4	27.9	28.5	22.6	24.3	17.2
13	20.8	19.0	23.9	22.1	28.4	29.8	33.2	28.2	29.6	23.6	25.0	18.0
14	20.1	20.3	23.7	23.8	27.8	30.9	32.6	28.6	28.7	24.8	26.1	18.8
15	20.7	19.4	24.4	26.1	25.8	31.5	30.7	28.5	26.8	24.7	26.7	19.8
16	21.2	19.8	24.0	28.1	27.1	31.8	30.4	28.0	27.4	25.9	22.1	21.2
17	22.3	19.5	21.9	27.0	27.1	31.8	30.8	26.3	26.5	26.8	19.5	21.7
18	21.8	20.4	18.5	25.3	27.9	31.0	30.9	26.8	23.5	27.9	19.4	23.2
19	22.1	20.0	20.1	26.5	29.5	32.3	32.3	27.5	25.1	28.1	19.5	23.9
20	20.1	21.5	22.1	26.7	30.5	32.3	30.9	27.3	25.8	28.6	20.7	24.0
21	15.9	21.6	22.9	26.7	32.5	33.0	29.7	25.9	27.0	26.3	20.8	22.6
22	15.5	21.8	24.4	27.2	32.3	32.6	28.9	26.4	26.6	26.0	18.6	21.5
23	15.6	21.6	23.6	26.3	28.5	30.0	29.5	26.1	24.2	22.5	20.6	21.3
24	16.3	22.7	21.8	27.1	26.2	28.9	32.2	27.7	25.6	20.7	21.4	19.5
25	17.6	21.8	22.6	27.4	24.2	30.1	32.4	29.5	26.2	22.5	17.4	19.8
26	15.2	23.1	24.3	26.2	26.6	29.9	30.6	30.3	28.0	23.2	16.7	16.4
27	13.8	23.0	25.3	27.0	27.3	30.6	28.7	29.3	28.8	23.2	16.8	11.4
28	13.8	23.2	25.5	27.0	27.7	30.9	27.1	28.5	27.4	24.9	19.1	12.6
29	13.7	-99.0	25.0	27.2	28.4	30.2	25.6	26.1	26.2	26.5	21.3	13.7
30	14.8	-99.0	22.3	27.2	30.8	31.9	26.9	26.5	27.1	26.1	21.5	14.5

31	16.1	-99.0	21.8	-99.0	30.2	-99.0	29.6	27.3	-99.0	24.3	-99.0	15.2
2003												
1	15.4	20.8	24.5	27.6	24.9	27.0	29.9	31.9	28.7	27.1	24.5	20.0
2	16.8	20.5	23.9	30.2	25.5	28.2	29.8	30.4	29.1	26.9	25.0	20.8
3	14.2	17.4	25.6	30.8	27.8	28.2	28.9	27.2	28.8	27.1	25.3	21.6
4	16.0	14.5	27.0	29.4	29.6	27.9	30.2	28.9	28.6	27.1	25.2	20.9
5	14.6	15.2	27.5	21.7	32.1	28.1	30.2	30.0	25.2	25.6	25.7	21.8
6	12.0	15.2	21.5	22.2	32.9	31.0	29.7	31.3	25.9	25.6	24.6	22.8
7	12.4	17.9	18.1	23.9	32.7	32.6	30.6	29.1	27.0	25.2	24.6	21.6
8	14.1	18.2	16.5	23.9	30.1	33.1	31.2	29.7	25.1	26.4	25.7	19.0
9	14.8	20.2	15.5	24.1	29.1	31.8	32.3	30.4	27.0	27.7	25.3	16.8
10	14.0	21.7	16.9	25.6	29.1	33.0	32.6	31.0	24.5	28.5	24.9	17.2
11	13.5	22.8	19.2	26.9	28.6	33.4	31.1	31.3	24.0	29.2	21.8	16.7
12	14.2	23.4	21.1	30.3	28.8	30.7	29.5	29.3	24.8	29.6	19.4	16.4
13	15.0	18.2	22.9	30.8	28.5	32.2	30.7	28.9	25.7	29.0	19.5	17.1
14	16.6	18.7	22.3	24.6	28.9	29.7	28.8	30.8	26.7	23.7	22.0	16.6
15	18.0	20.5	23.1	23.5	30.2	27.2	29.2	31.9	28.0	21.8	22.9	17.0
16	18.3	22.5	23.6	24.4	31.4	29.2	30.9	29.9	29.1	22.6	23.9	17.3
17	17.9	22.3	23.9	26.2	33.3	29.3	31.3	27.1	28.9	24.7	22.5	17.7
18	18.8	22.8	23.4	28.0	31.5	29.6	30.9	27.9	28.9	25.2	23.5	19.1
19	19.2	23.5	21.3	27.7	27.6	31.3	32.3	27.2	28.6	23.4	24.8	18.1
20	18.2	23.5	17.9	27.8	27.8	32.2	30.7	27.2	28.6	24.7	25.5	15.2
21	19.0	23.5	17.3	26.5	28.7	32.7	30.2	29.0	29.0	23.3	25.5	15.2
22	19.4	24.2	19.1	26.8	29.1	30.9	26.6	29.5	27.8	24.1	21.9	16.2
23	20.1	24.4	19.7	26.9	29.4	31.4	28.8	26.8	27.5	25.2	21.6	17.7
24	21.1	24.1	19.4	27.8	30.2	32.1	29.6	27.8	27.7	24.7	23.1	19.5
25	21.4	24.1	20.3	27.6	29.1	32.5	29.5	28.1	26.4	25.0	22.6	21.0
26	22.0	23.9	21.6	26.8	30.4	32.5	29.7	29.1	27.2	24.9	22.7	20.3
27	17.7	23.6	22.5	27.2	31.6	32.6	29.8	30.0	27.5	25.5	22.0	18.5
28	15.8	23.4	23.0	27.2	30.6	31.1	29.4	29.9	28.1	24.1	20.3	18.0
29	17.3	-99.0	23.8	27.4	26.5	29.9	29.2	29.6	28.4	24.8	19.3	19.5
30	19.0	-99.0	25.1	24.4	25.5	29.9	30.6	28.6	26.9	24.7	18.3	20.5
31	19.6	-99.0	26.2	-99.0	27.5	-99.0	31.4	29.4	-99.0	24.3	-99.0	20.4
2004												
1	20.5	20.5	26.0	24.3	27.7	25.7	32.6	27.1	29.3	27.8	24.5	20.9
2	20.5	21.3	21.2	22.8	28.1	27.4	33.2	27.2	28.2	23.0	23.1	20.8
3	21.0	18.0	17.6	21.1	28.5	28.4	33.6	28.6	27.0	22.6	22.9	21.5
4	21.2	13.7	17.4	22.3	26.9	28.6	32.8	30.7	28.7	23.7	24.2	20.7
5	21.2	10.8	17.7	22.7	20.6	29.3	31.5	30.5	30.1	25.0	23.9	19.4
6	21.0	11.0	18.0	24.9	22.9	29.4	31.0	30.2	30.8	25.1	24.0	20.2
7	20.9	10.9	17.1	25.7	24.3	27.3	32.3	28.2	28.9	25.8	24.4	20.1
8	20.6	11.3	17.1	21.1	26.1	27.4	31.5	28.7	26.4	25.1	24.6	17.7
9	21.2	12.1	18.3	18.2	27.5	28.5	30.4	29.1	23.2	25.0	24.9	17.8
10	22.3	14.1	19.5	20.7	28.9	28.5	29.2	29.8	22.7	25.1	25.8	18.3
11	22.7	16.6	20.2	24.5	31.1	26.6	28.7	29.7	25.2	25.3	26.9	18.7
12	20.0	18.2	22.1	23.8	32.1	28.2	28.5	30.9	25.8	25.2	26.2	19.4
13	18.1	18.8	21.8	23.8	29.2	26.0	28.4	30.5	26.0	25.6	25.3	18.3
14	18.2	17.8	20.9	24.4	28.4	26.1	29.2	25.8	26.8	26.1	25.6	19.5
15	21.3	18.0	20.6	24.2	28.6	27.4	30.7	28.6	27.2	25.7	24.7	18.4
16	21.9	19.5	22.8	22.4	28.3	28.7	30.3	27.3	27.1	25.9	18.8	19.6
17	21.5	19.7	22.6	22.3	23.2	29.7	31.8	28.0	27.0	25.2	18.5	20.9
18	21.9	19.7	22.7	23.2	24.7	30.6	32.8	28.2	27.1	25.6	19.8	22.1
19	17.2	20.4	23.6	22.7	25.0	31.5	32.1	28.6	24.8	26.2	20.3	21.7
20	15.1	21.7	23.5	24.2	24.0	31.7	29.7	28.8	25.9	25.9	21.6	21.2
21	11.5	22.4	23.2	25.8	25.4	31.7	28.1	29.4	26.4	26.4	20.9	20.9
22	12.9	22.0	22.0	25.9	26.5	32.0	26.2	29.4	27.0	23.2	19.9	21.1
23	13.2	21.8	22.0	27.3	26.7	31.9	26.2	29.6	27.6	22.8	21.6	20.8
24	12.3	22.1	20.4	27.1	27.3	31.3	26.1	30.4	27.6	22.4	22.4	21.5
25	12.7	20.9	20.5	27.1	27.8	32.7	26.6	31.2	27.8	23.2	20.0	21.9
26	16.1	19.4	18.8	26.8	28.8	32.1	25.5	32.1	28.0	23.9	20.0	22.1
27	15.5	20.8	19.4	25.8	29.9	31.1	25.7	32.0	27.7	22.5	17.6	21.6
28	13.4	22.5	20.2	26.9	30.1	29.8	28.0	28.7	27.2	22.3	18.6	17.9
29	15.5	23.5	20.5	27.2	30.6	31.0	28.0	26.9	27.1	24.2	20.3	16.8
30	17.0	-99.0	20.7	27.3	30.3	31.9	28.5	27.2	27.3	24.0	20.5	16.4
31	19.3	-99.0	22.0	-99.0	27.8	-99.0	27.7	28.5	-99.0	24.2	-99.0	12.7
2005												
1	11.9	17.3	16.0	21.8	32.0	31.3	28.0	29.3	28.4	27.5	21.8	22.0
2	14.0	16.8	16.4	19.5	29.7	31.7	29.0	30.2	29.6	27.7	21.5	22.6
3	16.3	16.9	15.8	20.5	28.9	30.8	29.8	30.9	29.0	28.0	24.1	23.4
4	15.2	18.3	15.5	21.0	27.9	32.5	29.4	31.1	26.6	26.2	24.9	20.6
5	17.2	19.5	15.4	19.8	29.6	33.2	29.3	29.9	26.5	25.1	25.9	17.3
6	17.9	21.4	15.4	21.8	29.1	32.4	30.0	30.4	25.7	26.3	26.2	13.8
7	18.0	22.5	17.2	23.5	27.1	27.1	30.6	28.3	25.8	25.7	26.4	13.7
8	19.0	23.0	18.8	26.2	26.0	29.1	32.0	28.5	25.8	23.9	26.5	14.9
9	18.6	23.1	20.7	30.5	28.6	30.2	31.9	28.7	27.2	24.9	26.4	17.0
10	16.7	22.4	21.6	28.2	30.5	31.0	31.9	28.1	26.6	25.7	26.4	19.5
11	15.7	18.4	22.2	26.3	31.3	31.7	30.8	26.2	27.3	25.1	26.9	19.2

12	14.9	18.7	21.8	22.2	32.7	32.5	28.8	28.1	28.2	23.7	26.6	16.0
13	11.6	20.2	15.2	20.6	32.2	32.6	29.1	29.2	26.5	26.0	26.9	15.7
14	12.0	22.8	15.9	20.8	31.8	32.5	31.0	29.1	27.4	26.6	26.7	14.7
15	13.6	23.9	18.3	21.3	32.5	32.6	30.5	29.8	27.2	26.9	25.3	16.1
16	15.9	23.8	19.5	23.0	32.6	30.6	29.8	29.0	27.9	26.0	23.7	15.3
17	17.5	22.5	20.5	23.7	32.9	30.6	29.9	27.5	28.6	26.4	22.0	16.8
18	18.1	19.5	20.2	24.7	32.1	31.3	32.0	27.4	25.0	25.2	21.1	16.2
19	19.7	15.7	19.5	25.6	31.8	32.1	33.7	28.3	27.6	26.3	17.8	13.9
20	20.2	13.0	19.7	25.3	29.8	32.3	32.8	29.5	27.1	26.2	17.6	16.3
21	20.3	12.7	21.4	25.5	28.9	33.0	32.5	30.6	27.8	25.6	17.9	16.9
22	20.7	14.1	23.5	26.6	29.9	32.9	30.7	30.9	28.3	25.4	17.6	16.3
23	20.8	17.2	20.7	26.1	29.9	32.1	29.9	30.1	28.6	25.9	18.4	16.3
24	22.5	19.5	17.1	26.8	32.2	31.4	27.7	30.1	28.8	22.2	18.0	18.5
25	22.4	19.7	16.4	26.9	31.0	30.7	25.7	29.1	29.2	22.0	19.6	18.9
26	21.1	21.1	17.7	25.9	32.7	31.0	25.6	28.1	27.8	24.1	21.3	18.7
27	22.2	18.1	20.3	26.2	33.6	31.7	28.3	27.8	24.9	24.8	22.0	18.0
28	22.3	15.8	22.2	27.5	32.2	31.7	28.1	28.5	26.0	26.2	22.3	16.5
29	22.3	-99.0	23.8	29.1	28.4	28.0	29.3	27.9	26.1	24.1	23.5	17.6
30	21.7	-99.0	24.3	31.4	27.3	29.3	28.1	26.4	27.6	20.5	22.6	19.3
31	19.2	-99.0	24.1	-99.0	28.8	-99.0	25.5	27.5	-99.0	21.4	-99.0	19.7
2006												
1	20.6	21.6	15.7	23.5	27.5	30.7	29.4	27.1	28.9	26.1	25.1	21.6
2	21.0	21.6	16.1	23.5	28.0	30.6	27.5	28.8	30.3	26.3	23.6	18.2
3	21.6	21.2	17.3	24.4	27.4	31.6	28.1	29.4	31.2	25.5	22.9	17.7
4	21.7	20.6	17.9	26.4	27.3	32.2	27.5	28.8	31.0	25.0	22.7	18.1
5	21.0	18.7	19.8	28.0	29.8	32.7	29.1	28.6	30.4	26.8	23.2	19.6
6	15.3	19.3	19.8	27.3	31.5	33.8	31.3	28.5	28.9	27.2	23.3	21.3
7	12.5	19.8	20.9	25.6	31.5	34.3	32.0	28.4	29.3	27.2	23.7	23.7
8	12.6	19.8	21.7	26.0	29.2	33.9	30.7	27.8	30.6	27.6	23.1	24.2
9	12.4	19.3	22.3	26.9	29.7	34.2	31.7	28.3	28.1	26.4	25.1	23.2
10	13.9	17.5	22.1	29.2	30.4	30.2	32.2	29.5	25.0	25.7	25.7	20.9
11	16.3	17.9	23.1	31.6	28.9	30.1	31.3	28.7	25.4	26.1	26.1	18.9
12	18.9	18.8	23.5	32.5	28.1	32.3	31.2	28.5	25.8	27.0	25.6	20.1
13	20.1	20.3	18.2	27.3	27.0	32.9	32.1	28.2	26.7	27.0	25.1	20.9
14	20.5	22.0	13.6	20.4	23.7	33.1	33.2	28.0	27.2	27.2	25.2	20.1
15	22.4	22.8	16.4	18.9	24.6	30.3	33.1	25.5	26.8	26.9	25.5	20.1
16	22.7	22.7	18.6	21.0	26.2	32.0	32.4	25.4	27.6	26.7	25.6	20.3
17	22.5	20.4	20.8	21.6	28.0	32.3	29.4	28.3	27.9	26.5	25.9	18.0
18	23.0	16.7	21.4	23.2	27.4	30.2	29.3	29.1	27.9	27.2	26.0	16.1
19	23.1	16.7	22.3	25.2	26.9	29.0	30.1	28.9	26.8	27.1	26.6	17.5
20	20.2	16.8	22.0	25.4	26.8	28.5	30.1	28.9	27.1	26.8	26.4	16.2
21	16.4	18.1	23.8	26.1	27.0	28.5	30.1	27.3	25.7	26.8	26.9	15.7
22	15.1	19.3	24.6	28.5	26.0	29.4	30.4	28.6	24.5	26.9	25.7	16.5
23	13.4	18.2	24.3	28.8	25.8	29.0	30.1	28.5	25.5	25.6	25.6	15.3
24	13.8	17.7	21.1	28.1	27.2	29.0	30.0	28.9	25.9	26.4	25.9	17.7
25	15.0	18.1	20.4	27.6	28.9	29.8	31.6	28.6	24.4	25.5	26.5	18.6
26	15.6	18.2	20.8	29.6	29.8	29.4	30.1	29.1	25.8	26.5	27.1	19.9
27	17.9	18.9	20.7	29.8	31.2	30.1	31.1	29.5	25.0	24.8	27.1	21.6
28	17.7	17.4	21.5	27.9	29.2	29.9	31.0	28.3	24.9	23.0	25.4	20.1
29	18.6	-99.0	20.7	22.6	28.8	30.2	28.7	26.5	26.4	24.9	-99.0	19.1
30	20.5	-99.0	20.5	24.1	29.5	29.3	25.5	27.5	26.6	25.3	24.6	18.5
31	21.2	-99.0	22.7	-99.0	30.4	-99.0	27.5	27.6	-99.0	25.6	-99.0	18.1
2007												
1	18.9	17.2	23.8	31.8	24.4	32.2	29.7	29.8	30.4	28.4	20.5	20.1
2	21.2	16.5	24.0	31.3	24.7	32.6	30.9	31.0	30.4	25.5	18.2	20.7
3	22.2	15.6	24.9	19.9	25.3	32.2	29.1	29.9	30.0	25.3	19.1	20.5
4	19.7	17.1	24.9	16.5	25.7	30.9	29.0	30.4	29.0	26.8	19.2	20.0
5	15.9	19.8	24.8	17.7	21.8	31.2	28.0	27.9	25.8	26.7	20.6	20.9
6	15.2	20.8	21.2	19.6	24.2	32.3	30.6	27.1	27.3	26.3	20.5	20.1
7	15.1	21.0	16.6	20.1	24.7	33.1	30.8	26.1	29.4	27.6	20.6	20.4
8	15.5	21.2	16.4	19.9	23.9	33.5	30.8	26.3	29.1	27.9	20.5	19.4
9	16.0	21.9	17.4	20.2	24.4	33.8	31.0	28.1	28.3	26.9	21.4	21.4
10	16.6	21.2	19.3	21.5	25.8	32.0	31.0	29.2	26.7	26.2	22.3	22.4
11	18.1	21.5	20.3	21.5	27.1	29.6	32.9	29.2	26.1	24.8	23.9	22.3
12	18.3	21.3	21.0	22.5	26.5	29.8	33.8	31.2	26.6	25.4	21.9	23.1
13	18.8	23.4	22.3	22.6	22.1	32.4	34.6	31.9	26.7	26.5	22.9	22.7
14	18.8	23.3	24.5	24.4	23.5	28.7	33.8	32.7	26.6	24.9	23.9	22.0
15	19.3	23.7	24.7	24.9	26.1	30.1	33.4	28.8	26.4	21.8	23.5	22.2
16	19.9	24.7	24.4	25.3	27.9	29.6	33.2	29.6	27.8	21.8	22.8	23.5
17	19.4	24.4	23.7	26.6	27.9	31.0	33.3	29.2	28.4	22.6	23.5	23.2
18	16.4	23.8	20.1	24.1	29.3	30.9	33.2	29.5	26.4	22.8	22.0	23.0
19	14.6	23.8	18.5	23.1	26.7	29.8	33.0	28.9	27.1	23.0	20.3	22.3
20	15.8	24.0	16.8	24.4	29.1	29.8	32.2	29.5	26.5	23.9	20.4	22.3
21	15.8	24.3	18.8	26.6	31.8	30.0	31.4	31.1	26.2	23.1	20.5	23.4
22	15.4	24.8	21.3	29.6	32.5	29.7	30.8	30.2	25.2	24.4	21.1	24.5
23	15.6	24.0	23.1	30.8	32.5	30.0	31.1	30.6	27.5	24.3	20.0	24.1
24	15.6	24.7	24.6	28.2	33.9	30.0	30.9	30.6	27.0	24.8	19.6	19.3

25	16.8	24.4	24.8	23.8	30.1	30.3	30.0	29.7	23.4	25.2	19.5	18.5
26	17.3	24.2	26.2	23.8	27.9	30.9	30.1	29.6	26.0	25.7	20.5	18.9
27	16.9	23.3	25.1	25.6	27.7	31.6	28.6	28.9	27.2	25.2	18.7	20.8
28	16.3	23.6	24.4	26.3	27.4	31.4	28.6	26.1	27.8	25.2	18.2	21.3
29	15.2	-99.0	25.2	24.7	29.1	32.5	28.5	25.2	28.1	25.6	17.6	18.5
30	16.5	-99.0	26.5	22.8	29.5	32.7	29.6	26.6	28.4	24.5	17.8	17.4
31	17.0	-99.0	28.5	-99.0	30.7	-99.0	29.9	29.1	-99.0	22.4	-99.0	16.1
2008												
1	15.6	10.7	15.0	21.2	27.1	28.6	31.5	30.9	28.5	23.3	27.2	17.8
2	14.3	9.9	16.1	19.9	28.6	27.5	30.8	29.2	29.3	25.4	27.2	18.1
3	14.7	10.7	17.2	19.9	29.0	27.5	30.9	29.4	30.4	26.8	23.3	19.4
4	17.4	12.7	17.5	22.0	29.4	28.6	30.9	29.7	29.5	27.7	23.1	20.4
5	17.6	13.9	17.9	23.5	29.5	29.4	30.8	29.9	28.8	27.3	25.0	19.9
6	19.2	13.1	19.0	25.2	26.8	27.8	29.9	30.2	27.4	25.8	26.1	18.4
7	20.2	13.3	18.7	27.3	27.5	29.5	28.1	28.6	26.9	26.6	26.4	17.9
8	20.4	12.6	19.1	30.5	29.4	30.2	27.8	28.4	27.2	27.4	22.6	18.0
9	21.4	12.3	18.9	31.9	29.6	28.5	28.4	29.0	24.9	27.2	22.5	17.5
10	20.9	12.5	19.2	29.1	23.8	29.4	29.9	28.3	25.4	26.7	21.0	18.4
11	21.6	12.1	20.8	27.5	23.0	29.2	31.5	27.3	25.3	26.2	20.2	19.4
12	20.9	11.5	20.7	28.0	23.5	30.3	32.1	28.3	26.0	25.2	20.5	19.5
13	21.8	12.1	21.3	25.6	24.9	30.8	29.3	29.5	26.5	25.0	22.1	19.9
14	19.7	12.0	20.8	24.7	25.4	31.3	31.5	30.3	27.0	23.4	22.2	20.6
15	16.4	12.2	21.0	25.5	25.6	31.1	32.2	32.2	28.2	23.3	23.9	19.3
16	13.1	13.7	22.1	26.3	26.2	30.7	30.5	33.3	28.9	24.2	23.4	18.1
17	13.7	13.2	23.3	25.9	27.4	30.5	30.2	33.0	29.3	25.6	24.4	19.8
18	14.6	13.2	23.7	26.4	29.8	29.5	29.9	30.8	29.2	26.6	24.3	18.8
19	17.9	13.4	22.4	26.7	24.9	29.7	30.0	26.1	28.4	25.4	20.9	19.0
20	20.6	14.3	22.9	28.5	23.4	30.8	31.4	27.5	28.6	24.9	18.3	19.7
21	22.0	15.3	24.6	28.6	25.6	31.3	32.7	29.6	28.5	25.8	20.2	20.7
22	19.7	16.4	23.8	27.2	27.4	32.7	31.8	31.6	28.8	26.4	20.0	21.6
23	15.4	19.5	20.2	24.9	28.0	33.8	32.5	31.7	30.0	27.0	22.1	16.1
24	15.1	19.9	19.8	20.4	29.4	33.0	30.9	29.4	30.4	26.0	21.5	16.3
25	14.2	19.6	21.4	21.5	30.7	32.4	30.6	30.1	30.2	25.5	20.7	16.9
26	15.6	17.7	20.1	22.6	31.6	32.2	29.6	30.5	29.9	25.5	21.4	18.1
27	15.7	13.7	20.3	24.7	31.4	31.8	29.0	30.1	27.7	26.2	21.6	17.4
28	16.2	14.4	23.4	23.8	31.6	30.0	29.9	29.3	26.1	26.4	19.2	19.1
29	15.4	15.1	25.4	24.5	28.5	30.1	31.2	30.5	27.7	25.2	17.7	20.5
30	14.7	-99.0	25.9	25.6	28.0	31.0	31.9	31.5	24.4	25.6	17.4	19.3
31	12.4	-99.0	24.7	-99.0	25.6	-99.0	31.3	30.1	-99.0	26.5	-99.0	16.5
2009												
1	14.4	18.5	22.0	19.8	25.9	28.2	32.8	-99.0	28.8	25.5	25.6	22.0
2	15.4	19.7	19.1	20.1	25.7	-99.0	33.1	-99.0	27.7	26.3	25.4	20.9
3	16.2	20.1	19.9	21.4	24.9	29.6	-99.0	29.6	28.3	-99.0	22.9	21.2
4	17.8	20.2	21.4	23.0	25.3	28.3	-99.0	31.3	28.2	-99.0	19.1	20.1
5	18.9	22.3	23.2	23.2	25.6	29.3	-99.0	32.2	28.8	27.7	22.1	20.4
6	19.8	20.7	18.5	20.4	26.0	29.7	28.7	31.3	29.2	-99.0	23.2	19.7
7	19.2	19.8	17.2	21.4	27.5	30.8	-99.0	29.1	28.7	26.8	24.4	-99.0
8	17.6	20.3	18.3	22.4	28.0	32.2	-99.0	25.5	27.6	25.9	26.2	23.1
9	14.9	20.5	18.8	23.2	28.2	32.9	-99.0	25.5	28.5	26.7	26.6	23.3
10	13.8	20.6	19.2	24.9	28.2	33.3	-99.0	27.9	29.2	27.8	28.0	22.8
11	13.5	21.0	21.9	25.8	28.2	32.2	31.4	27.7	28.6	27.6	28.4	21.6
12	15.0	23.1	22.8	27.0	27.3	32.8	28.0	28.6	28.8	27.1	28.1	23.1
13	14.8	27.2	23.1	27.3	27.2	32.2	29.1	28.6	29.0	-99.0	23.6	22.8
14	14.3	26.1	17.0	26.3	27.3	32.9	29.1	-99.0	29.4	26.6	21.2	23.3
15	14.9	22.5	17.2	26.6	27.1	30.9	30.2	-99.0	30.7	23.6	22.4	23.9
16	15.2	23.6	19.4	27.6	28.2	28.4	27.3	-99.0	28.4	23.5	20.7	21.1
17	17.3	24.4	22.1	27.3	28.4	28.5	27.9	29.5	28.7	25.9	16.6	17.7
18	18.9	23.0	23.3	28.3	28.7	31.4	27.6	28.3	29.7	26.2	15.3	16.1
19	20.3	24.4	24.5	32.5	27.1	32.9	30.5	29.2	30.8	26.3	14.8	14.3
20	19.9	24.4	24.6	29.0	27.8	33.3	30.9	29.7	31.7	27.3	15.6	14.8
21	20.6	23.0	26.0	27.0	26.8	33.4	28.9	29.3	29.6	24.9	15.6	14.7
22	19.9	24.5	27.7	27.0	27.0	33.3	28.9	-99.0	26.6	24.4	17.5	16.4
23	19.6	26.0	28.0	27.7	27.3	33.1	30.5	-99.0	27.4	24.9	18.6	18.5
24	15.1	25.6	25.6	28.8	28.3	32.7	32.4	29.3	26.0	-99.0	19.2	21.2
25	12.6	25.1	23.1	25.2	28.6	32.2	32.4	29.5	26.0	-99.0	20.8	21.9
26	14.0	24.8	21.9	24.0	29.0	32.4	32.6	-99.0	26.0	26.2	22.1	22.6
27	13.4	24.4	23.6	23.2	29.0	31.0	32.5	30.2	27.0	26.3	23.6	22.7
28	15.6	24.2	25.9	24.5	30.7	30.9	31.8	30.0	28.2	26.6	-99.0	16.7
29	16.4	-99.0	25.1	24.3	27.0	31.5	28.5	-99.0	27.1	25.3	23.6	18.0
30	17.1	-99.0	22.1	24.6	24.5	33.4	28.1	-99.0	24.0	25.5	22.4	19.3
31	16.7	-99.0	19.8	-99.0	26.6	-99.0	28.7	-99.0	-99.0	25.4	-99.0	19.6
2010												
1	20.0	23.2	25.0	25.5	25.2	32.4	28.5	27.9	26.7	27.3	18.0	20.6
2	20.0	24.0	27.7	25.1	26.2	30.6	30.7	29.1	29.2	26.2	21.2	20.3
3	19.2	24.5	28.2	21.2	26.7	25.8	31.7	28.4	29.1	26.2	21.8	20.6
4	20.3	24.6	27.5	22.4	27.5	26.1	32.6	28.9	29.9	24.2	21.1	20.3
5	22.4	23.3	28.0	24.2	31.6	27.6	33.6	27.5	30.2	23.1	22.4	22.6

6	22.6	24.6	27.7	25.2	32.7	28.6	34.4	28.2	29.2	24.5	-99.0	23.2
7	18.8	24.7	22.2	23.9	32.1	30.1	34.8	28.9	30.8	27.8	23.2	22.5
8	17.1	24.7	20.6	21.6	31.2	31.7	34.9	27.9	31.5	27.0	22.4	18.6
9	18.9	25.4	16.3	22.1	31.7	32.2	32.9	28.9	28.8	26.4	22.5	18.4
10	21.8	27.0	13.8	24.9	27.9	32.4	32.8	28.4	29.6	26.2	24.0	20.7
11	20.0	25.6	16.3	29.1	27.0	33.4	32.7	28.9	30.1	28.7	23.0	22.3
12	15.6	22.0	17.8	29.2	27.8	32.2	32.5	30.2	28.6	27.3	22.7	24.4
13	14.0	18.2	20.5	26.3	28.9	33.7	31.8	28.4	27.5	27.8	22.1	25.3
14	15.2	19.1	23.3	26.4	30.2	33.0	29.7	29.2	27.6	26.7	22.7	25.1
15	16.3	18.0	24.5	23.0	28.2	32.8	29.8	29.9	27.1	26.0	22.9	25.0
16	-99.0	15.4	21.8	18.9	29.7	34.5	30.4	28.8	26.1	22.7	23.3	15.9
17	17.3	14.2	19.9	20.1	30.7	33.8	27.9	29.1	27.1	22.7	21.6	15.2
18	16.6	12.5	20.7	21.9	30.6	33.7	28.8	29.2	28.4	23.4	21.7	17.0
19	17.9	13.0	22.0	24.8	30.9	33.8	30.8	29.3	28.7	24.9	22.3	18.5
20	19.6	14.0	24.1	27.0	33.8	33.2	31.6	29.3	30.5	25.6	21.2	20.3
21	20.4	16.8	23.8	28.5	33.4	30.1	31.3	26.0	32.3	25.1	22.5	20.0
22	21.5	18.4	24.5	26.8	33.9	30.0	28.6	27.9	29.5	25.0	24.4	19.5
23	17.5	19.5	25.6	21.9	31.5	30.9	28.6	27.7	27.9	24.2	24.4	20.9
24	17.0	23.6	26.5	22.1	27.4	32.0	29.8	25.0	27.3	25.5	23.9	21.4
25	17.7	27.3	21.5	24.1	28.2	32.0	30.2	27.5	27.8	26.7	22.6	22.6
26	16.8	27.7	19.4	25.4	30.0	33.8	28.9	29.5	28.8	24.9	-99.0	15.6
27	19.1	26.1	18.5	22.6	30.7	33.9	26.6	28.9	28.0	22.2	-99.0	16.1
28	20.7	24.3	20.2	23.8	-99.0	33.6	28.3	25.6	27.2	19.2	-99.0	17.5
29	21.3	-99.0	21.7	24.6	-99.0	32.2	30.7	24.3	28.0	18.5	23.0	19.4
30	-99.0	-99.0	22.7	25.1	-99.0	31.7	31.1	26.6	27.4	20.3	22.0	20.5
31	22.8	-99.0	24.7	-99.0	33.5	-99.0	31.7	28.2	-99.0	19.4	-99.0	19.6

2011

1	20.0	13.1	20.7	18.5	28.2	28.0	27.3	27.4	32.0	23.1	23.9	22.0
2	20.6	13.7	19.7	20.4	28.6	28.3	29.5	26.3	31.0	24.3	24.0	17.0
3	19.8	16.1	18.5	20.8	28.3	29.1	30.4	27.1	30.0	23.4	22.5	17.1
4	16.4	17.2	16.6	21.1	24.7	29.9	30.6	29.1	27.5	22.2	24.0	19.7
5	16.0	18.7	18.0	19.0	23.8	31.0	30.9	32.5	28.7	19.8	24.6	19.9
6	15.5	18.2	20.6	19.7	27.0	30.7	32.1	30.0	28.9	20.1	25.0	20.0
7	12.7	19.5	18.2	20.5	29.0	31.0	33.6	28.6	30.3	21.4	25.2	20.4
8	13.7	19.3	15.9	20.9	30.7	31.8	31.5	29.9	29.9	22.3	23.8	18.7
9	13.7	20.6	16.5	19.8	31.0	32.9	29.8	30.4	26.6	25.4	23.9	15.6
10	12.5	21.5	16.9	21.1	30.8	32.6	31.2	27.6	25.5	25.9	22.9	14.6
11	11.0	20.8	17.3	20.9	31.5	32.5	30.2	27.9	25.6	27.3	21.7	14.7
12	11.0	16.7	17.6	21.8	30.8	31.2	30.2	29.3	26.0	25.7	22.4	13.4
13	13.3	15.7	19.5	22.1	25.9	30.6	29.0	29.4	26.2	25.1	22.7	15.2
14	15.4	13.6	20.0	22.6	25.3	31.0	26.9	29.2	27.1	24.1	23.8	18.5
15	14.6	14.7	20.4	24.4	27.3	32.9	25.8	29.2	27.3	24.3	23.5	17.6
16	13.9	16.4	12.4	25.6	27.3	33.7	27.8	27.1	27.6	23.3	24.7	16.0
17	13.7	16.7	11.0	25.6	26.1	32.6	29.9	26.8	27.8	23.2	24.7	15.5
18	13.8	17.1	12.6	24.2	26.6	30.6	31.1	26.6	28.0	24.0	24.6	15.9
19	14.9	16.7	16.5	24.0	26.3	29.8	30.9	26.6	28.2	23.7	24.7	15.9
20	14.7	16.0	18.9	23.5	27.8	29.8	30.1	26.8	25.8	23.4	24.1	16.7
21	12.1	16.4	20.8	25.0	30.2	29.6	30.9	27.2	25.0	24.0	22.0	18.6
22	13.4	17.0	19.0	26.2	32.0	31.5	30.2	28.6	25.6	24.6	22.5	18.6
23	14.1	17.9	16.1	23.7	26.6	31.8	29.6	29.8	25.8	24.8	21.4	18.3
24	13.0	19.6	15.9	23.7	23.0	26.8	29.0	29.1	25.9	24.8	21.3	15.6
25	13.1	20.3	14.4	23.8	23.8	27.7	29.2	28.9	26.2	25.5	21.3	15.3
26	13.7	21.2	14.4	24.9	25.2	29.9	30.1	28.6	24.8	25.4	21.1	13.5
27	14.8	20.5	14.4	26.6	26.2	30.3	30.3	28.6	23.6	24.6	22.4	15.9
28	14.0	20.7	14.5	26.5	26.5	30.9	29.8	28.8	26.0	25.2	23.6	16.7
29	11.5	-99.0	15.0	26.0	26.6	31.2	29.0	29.6	28.3	24.4	23.9	17.9
30	12.2	-99.0	14.5	27.0	27.1	27.2	25.2	30.1	25.8	23.1	23.8	17.6
31	12.5	-99.0	17.1	-99.0	27.3	-99.0	27.5	31.0	-99.0	23.7	-99.0	17.0

2012

1	16.7	15.5	16.6	20.5	33.8	27.2	27.6	29.8	29.2	23.4	22.9	26.1
2	18.3	16.1	17.8	22.3	33.5	26.6	26.9	31.0	26.5	25.7	22.9	21.5
3	18.7	15.6	18.5	21.8	33.4	27.5	27.9	30.5	26.1	26.7	24.5	19.5
4	15.2	15.9	21.8	23.7	32.9	29.3	28.5	30.9	27.0	27.9	25.1	19.7
5	12.4	18.3	23.1	23.3	29.7	31.0	29.2	32.3	24.6	28.0	24.4	19.4
6	13.7	20.9	24.7	23.5	28.0	30.6	29.1	31.6	25.0	26.9	25.4	19.5
7	14.4	17.4	23.8	21.5	29.2	29.6	30.3	29.2	25.9	26.4	25.7	19.7
8	14.6	15.0	20.3	21.7	28.9	29.1	30.9	27.4	26.5	25.3	26.4	19.9
9	15.2	15.4	17.8	-99.0	29.0	30.8	30.9	27.2	27.2	25.0	27.1	21.5
10	15.9	16.3	16.0	-99.0	29.7	31.6	31.5	28.7	27.4	26.0	27.3	22.3
11	15.5	15.0	15.6	-99.0	26.0	32.5	31.4	29.5	28.3	25.6	24.4	23.0
12	15.5	15.8	15.9	-99.0	26.0	32.4	30.9	30.9	28.6	26.3	22.1	21.6
13	16.2	17.9	16.3	26.8	29.8	33.4	31.3	30.3	28.3	26.8	22.6	20.9
14	17.6	19.0	16.9	26.7	31.0	-99.0	32.7	30.4	24.0	26.9	24.0	22.9
15	18.4	19.8	18.1	27.5	26.9	29.5	31.7	29.4	24.6	26.4	25.2	24.9
16	18.5	18.4	19.7	27.3	26.9	29.6	33.6	28.7	25.9	26.4	24.6	25.0
17	18.5	16.1	21.6	27.0	27.9	30.4	33.1	27.8	27.4	25.9	22.6	24.2
18	19.7	14.4	22.6	27.9	28.8	30.8	32.4	28.4	27.7	24.9	22.9	24.0



19	20.9	-99.0	23.0	28.8	29.3	32.5	31.5	29.8	27.9	26.0	23.3	18.5
20	20.5	15.5	23.4	29.9	30.8	32.1	31.5	29.8	28.2	26.4	24.5	21.4
21	22.2	17.9	24.4	26.1	31.9	30.8	32.8	30.3	28.7	26.8	25.6	24.1
22	18.4	20.0	25.5	24.8	31.0	31.3	34.0	29.5	28.5	26.8	27.8	13.4
23	13.9	20.2	22.2	27.9	27.9	31.6	28.3	26.1	29.0	25.5	27.3	13.4
24	14.5	20.0	18.2	31.4	29.8	28.5	28.6	26.3	29.3	26.1	22.8	15.3
25	12.4	20.3	18.8	32.8	29.0	29.7	30.2	27.9	28.5	26.2	23.9	17.4
26	12.5	16.9	19.5	26.8	27.3	32.2	29.9	28.8	28.0	26.3	24.6	18.9
27	14.8	14.8	20.3	25.0	27.4	31.6	31.1	29.2	26.2	25.5	18.7	19.1
28	16.4	14.4	20.9	29.0	27.0	32.0	30.9	30.0	25.6	24.4	21.4	19.6
29	15.8	-99.0	21.9	31.2	28.6	31.6	30.2	29.8	26.6	26.8	22.7	21.5
30	15.4	-99.0	22.4	32.2	28.2	30.5	29.1	30.5	25.6	26.6	24.7	15.8
31	14.5	-99.0	20.4	-99.0	26.0	-99.0	27.8	31.5	-99.0	24.7	-99.0	13.4