

Table I.1. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Chitral

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	30.9	41.00	26.9	29.10	20.1	29.04	30.4	33.19	31.6	31.73	37.8	35.77	35.1	36.13	27.8	33.99	30.3	33.21	28.2	32.76
2		2	33.6	33.91	26.4	30.21	28.6	30.49	31.7	34.21	33.4	31.89	37.2	35.29	36.9	36.53	34.4	35.33	26.7	33.99	30	33.70
3		3	34.1	34.53	26.6	31.37	30.7	31.00	31.4	35.10	33.3	32.37	34.8	35.24	35.8	36.57	36.1	35.50	30.3	34.77	32.5	34.17
4		4	30.4	34.96	30.5	31.76	27.8	31.33	33.1	35.89	28	32.23	37.5	35.77	38.9	35.86	28.4	35.50	35.3	34.77	35.2	33.76
5		5	32.2	36.30	26.5	32.00	33.2	32.04	32.4	35.96	33.3	32.76	37.2	35.97	36.7	35.34	36.7	36.64	37.1	34.73	35.7	32.81
6		6	35	37.49	33.2	33.13	34.1	31.46	35.5	36.21	30.8	33.19	31.7	36.16	34.7	34.86	37.8	35.84	37.2	34.56	34.7	31.91
7		7	34.9	37.74	33.6	32.99	28.8	30.13	37.8	36.14	31.7	34.26	34.2	37.03	34.8	35.26	36.7	35.14	35.6	35.04	33	30.77
8		8	37.2	37.44	34.7	32.83	30.2	29.91	37.6	35.73	32.7	35.13	34.4	37.34	37.9	35.60	37.2	35.06	35.7	35.36	34.8	30.43
9		9	37.9	36.83	34.5	32.57	32.2	29.56	37.9	35.44	36.8	35.46	36.9	37.57	37.2	35.43	35.6	34.79	32.2	35.74	33.3	30.27
10		10	37.1	36.09	29.3	32.80	33	29.64	36.9	35.47	32.3	34.99	38.5	37.06	30.8	35.56	36.1	35.00	30.3	36.30	29.6	30.70
11		11	39.8	35.24	32.2	33.91	32.8	29.89	33.6	35.86	31.7	35.27	38.9	35.74	35.3	35.64	36.4	35.04	35	37.44	28.6	31.47
12		12	40.5	33.19	34.4	34.57	29.1	29.79	34.2	36.46	36.3	35.80	38.5	33.91	33.3	35.40	31.1	34.84	35.9	37.71	29.4	32.44
13		13	36.8	31.47	32.2	34.97	24.8	30.37	35	36.37	38.3	35.49	37.8	33.14	37.5	35.04	32.9	35.20	40.6	37.97	26.7	33.61
14		14	32.8	30.63	32.5	35.70	27.3	31.90	34.9	36.17	37.8	34.96	36.4	33.14	37.2	34.33	36.1	35.59	37.8	37.57	30.6	34.96
15		15	32.9	30.73	32.9	36.14	27.7	33.54	35.6	35.94	35	33.96	36	33.54	36.7	33.71	35.3	36.00	38.4	37.01	33.7	35.59
16		16	32.7	31.24	36.1	36.16	32.8	34.49	38.1	35.49	33.5	33.97	33.3	33.87	38.1	33.63	37.1	35.81	36.1	36.44	36.3	36.46
17		17	31.2	32.29	37.1	36.07	34.7	33.51	39.6	35.17	34.3	34.50	29.3	34.59	31.4	33.66	36.4	35.34	38.3	36.51	35	37.37
18		18	25.4	33.23	36.8	36.01	32.1	33.03	37.8	34.60	35.4	34.83	26.1	35.37	33.6	33.86	35	35.23	36.9	36.30	35.4	38.56
19		19	28.5	34.99	37.2	36.09	33.2	33.04	33.6	33.57	34.1	35.29	33.1	36.96	30.8	33.66	33.6	35.47	37.7	36.14	37.6	39.24
20		20	30.9	36.16	37.3	36.37	35.5	32.90	33.6	34.01	34.6	36.23	37.8	37.50	32.5	33.74	35.6	36.36	37.8	35.80	36.1	39.67
21		21	33.5	36.84	35.6	36.70	38.8	32.99	33.3	34.90	30.8	36.97	39.2	37.70	32.9	34.19	39	36.81	33.9	35.41	35	40.37
22		22	36.5	37.26	33	37.30	34.3	32.79	32.4	35.70	35.1	38.46	38.3	38.13	36.1	34.57	34	36.60	34.4	35.77	39.8	41.13
23		23	40	37.30	35.5	37.64	26	33.36	35.9	36.80	37.2	39.01	38.3	38.90	38.3	34.46	33.8	37.01	36.6	35.69	42.7	40.61
24		24	37.8	35.23	36.7	37.96	31.3	35.36	35.6	37.41	36.6	38.83	34.8	39.26	32.8	33.94	35.6	37.73	36.8	35.77	43.3	40.26
25		25	37.7	34.07	37.3	37.37	32.2	36.34	30.6	38.14	38.6	37.50	37.2	40.09	32.2	34.81	36.7	37.84	35.8	36.31	40.2	39.81
26		26	36.7	33.49	39.2	36.86	32.2	37.00	36.7	39.43	40.7	35.73	36.9	40.09	31.4	35.84	39.8	37.80	35.3	36.77	40.6	39.39
27		27	35.7	33.23	39.6	36.33	36.1	36.63	39.8	39.67	39.8	33.74	39.2	40.37	35.6	37.03	38.8	37.46	35.1	37.04	41	38.61
28		28	36.4	33.39	39.8	35.49	37.4	36.64	38.9	39.44	41.2	33.09	42.2	40.17	35.6	37.50	37.5	37.80	36.4	37.54	40.3	37.76
29		29	36.8	33.41	35.4	35.31	38.3	36.39	40.1	39.50	39	32.59	43.7	39.31	35.3	37.97	36.9	38.01	33.8	37.54	36.2	36.76
30		30	25.5	33.23	37.7	35.87	40	36.11	40.2	39.11	35.9	32.51	40.8	38.24	34.7	38.17	38.8	38.00	37.2	38.16	40.2	36.37
31	July	1	29.7	34.50	32.6	36.24	38.2	36.20	40.7	38.93	27.3	33.04	40.6	37.73	38.9	38.30	36.4	37.00	40.6	38.54	40.2	35.36
32		2	33.6	35.41	33.7	37.33	36.8	36.54	39.6	38.30	26.2	34.66	37.2	37.51	39.4	37.83	36.4	36.47	39	38.54	37.2	34.81
33		3	34.9	35.91	35.5	38.26	29.6	37.30	38.4	38.11	26.8	36.60	38.9	37.87	39.7	37.29	37.4	36.44	37.2	37.89	35.2	34.77
34		4	36.8	36.36	33.7	38.69	36.2	38.94	38.2	38.64	35.2	38.59	37.8	37.67	38.9	35.90	41.2	36.30	38.6	37.93	35	35.30
35		5	36.6	36.99	38.6	39.36	35.6	39.57	39.3	38.80	37.7	39.07	36.2	38.03	38.9	34.74	39	35.57	36.4	37.89	33.3	36.20
36		6	35.5	37.31	39.3	39.07	36.4	40.11	37.4	37.66	38.5	39.01	36.2	38.49	36.7	34.19	36.8	35.51	38.1	38.40	33.5	36.76
37		7	34.4	37.54	40.3	38.61	40.6	40.26	38.9	36.64	39.6	38.74	37.2	38.67	35.6	33.64	31.8	35.71	39.9	38.16	33.1	36.76
38		8	36.1	37.00	40.2	38.27	40.6	39.73	36.3	35.50	38.6	38.17	39.1	39.07	35.6	33.80	32.7	36.61	40.6	36.90	36.4	37.03
39		9	37.1	36.44	40.2	38.11	42.1	39.30	38.3	35.30	39.8	37.74	39.7	39.16	35.6	34.07	36.2	37.33	34.4	35.90	36.9	36.84
40		10	38	33.87	38.5	38.09	41.1	38.63	42.1	35.16	40.7	37.33	37.5	38.84	30	34.43	36.4	37.60	37.5	35.36	38.9	36.80
41		11	41.2	32.53	38.4	38.39	40.6	38.04	39.3	34.63	38.6	36.53	40.3	38.66	30.8	35.86	36.1	37.64	38.3	34.60	41.3	36.50
42		12	38.9	31.09	36.6	38.56	39.4	37.40	31.3	34.54	37.3	35.74	39.4	37.43	35	36.74	38.6	37.49	40	33.21	37.2	36.09
43		13	37.1	30.70	36.1	38.80	37.4	36.86	30.3	35.69	36.6	35.24	37.5	36.76	32.9	36.96	38.2	37.27	36.4	31.94	33.5	36.03
44		14	30.6	30.44	37.9	38.90	36.9	36.60	30.9	37.00	35.6	34.91	40	37.11	36.7	37.73	38.1	37.49	31.1	31.50	35	36.60
45		15	32.2	31.01	39.1	38.31	37.6	36.59	34.9	37.63	35.6	34.91	39.7	37.14	37.5	38.06	37.7	37.56	33.6	31.81	35.1	37.27

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	19.1	31.37	40	37.60	37.4	36.21	37.3	37.40	36.9	34.31	37.5	37.10	38.1	38.41	38.1	37.99	30.6	31.74	36.6	37.50	
47		17	28.6	33.60	40.6	36.99	37	35.91	38.4	37.01	35.1	32.74	36.2	37.41	40	37.94	36.7	37.90	32.2	31.57	36.8	37.31	
48		18	31.1	34.70	39.6	36.34	36.1	35.79	38.7	36.61	33.1	32.24	31.7	37.00	37	37.17	35	37.86	28.6	31.86	38.4	37.21	
49		19	36.2	35.59	38.3	35.93	35.6	35.74	39.3	36.14	33.8	32.31	34.7	36.84	36.5	37.00	37.1	38.06	31.1	33.13	36.8	36.87	
50		20	35.3	35.87	36.8	35.86	35.6	35.64	39.5	35.66	34.3	32.09	40	36.66	38.3	36.90	39.7	38.03	33.3	34.31	37.5	36.91	
51		21	34.6	36.36	33.8	36.00	36.8	34.91	35.3	35.03	35.6	30.91	40.2	35.94	39	36.53	38.6	37.67	33.3	35.11	39.7	36.83	
52		22	34.7	37.09	34.1	36.57	35	34.33	33.3	35.30	31.4	30.80	39.4	35.51	40	35.96	40.7	37.43	33.1	35.83	36.7	36.40	
53		23	34.7	37.61	35.7	37.07	35.3	34.34	34.6	35.94	25.9	31.43	39.7	34.97	34.8	35.24	37.5	36.93	29.4	36.63	35.3	36.34	
54		24	36.3	38.23	36.1	37.57	36.1	34.30	35.6	36.13	31.6	32.90	33.3	34.39	34.6	35.27	36.4	36.89	34.2	37.74	36.1	36.31	
55		25	37.3	38.44	36.7	37.61	35.8	34.17	35.4	35.47	33.6	33.61	30.6	34.10	35.8	35.06	36.4	37.29	37.5	38.20	36	36.03	
56		26	38.2	38.51	37.8	37.26	34.9	34.17	35.9	34.60	32.2	34.29	33.4	34.51	35.8	35.30	36.9	38.11	39.4	37.93	37.1	36.04	
57		27	38.7	37.49	37.8	36.66	30.5	34.44	35.1	33.90	26.1	35.34	35	34.83	35.7	35.23	37.2	38.39	38.9	36.74	36.9	35.94	
58		28	39.7	36.76	37.8	36.20	32.7	35.34	37.2	32.83	34.8	36.64	37.2	35.27	35	35.21	36.9	38.31	38.3	35.00	36.7	35.87	
59		29	38.4	35.86	37.6	35.66	35.1	36.23	37.8	32.29	35.8	36.57	35.6	35.07	35	35.21	37.2	37.69	38.7	34.09	36.3	36.03	
60		30	39	35.26	39.2	35.13	35	36.46	35.9	31.74	36.2	36.29	35.6	34.96	35	35.46	37.2	36.91	37.2	33.71	35.1	36.19	
61		31	37.8	34.71	36.4	34.54	35.2	36.50	31	31.96	36.6	36.50	31.3	34.96	33.1	35.74	39.2	36.24	37.4	33.96	34.1	37.06	
62		August	1	37.8	34.24	34.2	34.47	35.8	36.21	29.3	32.89	38.3	36.43	33.5	35.73	37.5	36.21	42.2	35.56	35.6	34.41	36.1	37.86
63			2	31	33.67	33.6	34.96	36.8	35.79	31	33.87	39.6	35.71	35.6	35.96	35.3	35.90	38.8	34.53	31.1	34.80	36.4	37.14
64			3	33.6	34.30	34.6	35.43	36.8	35.14	27.6	34.69	35.2	35.54	38.1	35.51	35.6	36.03	36.7	33.94	26.7	35.36	36.4	36.39
65			4	33.4	34.57	34	35.79	38.9	34.79	33.4	36.00	34.3	35.79	35.8	34.99	35	36.06	32.5	33.54	31.9	36.43	37.8	36.13
66			5	34.2	34.90	33.9	36.37	36.7	34.46	34	36.36	33.8	35.69	34.8	34.87	36.7	36.37	31.8	33.94	36.1	36.89	37.4	35.64
67			6	35.2	35.21	35.1	36.91	35.3	34.39	37.4	36.60	37.7	35.66	35.6	34.90	37	36.60	32.5	34.24	38.9	36.74	41.2	35.21
68			7	34.5	35.41	35.9	36.96	33.2	34.83	37.5	36.40	36.1	34.73	36.7	34.81	36.4	36.87	34.4	33.73	40.6	36.27	39.7	34.24
69			8	33.8	35.73	37.6	36.73	32.8	35.40	36.2	36.39	33.3	34.51	35.1	34.46	35.3	36.47	35	33.36	38.3	35.91	31.1	33.74
70			9	35.4	36.16	36.9	36.27	32.3	35.33	36.7	36.09	38.4	35.13	32.5	34.14	36.2	35.16	34.7	33.47	35	36.24	31.1	34.74
71			10	35.5	36.00	37.1	36.03	34.3	35.61	36.8	35.79	36.9	35.01	34.4	32.76	35.8	34.39	33.9	33.63	34.2	36.84	34.6	35.61
72			11	35.7	35.83	38.1	36.13	36.6	35.60	35.9	34.76	33.6	35.10	35	32.44	37.2	34.11	35.3	33.99	35.1	37.43	34.4	35.44
73			12	36.4	35.56	37.7	36.46	36.2	35.47	35.7	34.51	33.6	35.83	35	32.74	38.3	33.89	33.9	34.31	35.1	37.50	34.4	35.59
74			13	36.6	34.37	35.4	36.83	38.4	35.83	36	34.43	31.2	36.07	35	32.76	38.9	33.41	28.9	34.93	35.6	37.26	34.4	35.67
75			14	36.7	33.60	34.3	37.26	37.2	35.87	37.4	34.34	34.6	36.60	34.2	32.84	33.6	32.74	31.8	36.27	38.1	37.09	36.2	35.53
76			15	36.8	32.73	34.4	37.80	32.3	35.67	34.1	33.99	37.6	36.57	32.9	32.96	26.1	33.54	35.8	36.83	40.6	36.60	38.1	35.24
77	16		34.3	32.16	35.2	38.04	34.3	36.06	34.6	34.06	37.6	36.11	22.8	33.19	30.8	34.86	35.8	36.16	39.2	35.76	37.2	34.71	
78	17		34.3	32.19	37.8	37.96	34.2	35.96	29.6	33.99	37.5	35.21	32.2	35.01	33.9	35.26	36.4	35.80	38.3	35.07	33.4	34.46	
79	18		33.8	32.03	40.4	37.21	35.7	35.87	34.2	34.79	38.7	34.76	37.1	35.26	35.6	35.41	37.6	35.69	35.6	34.77	35.4	34.91	
80	19		28.1	31.80	40.3	36.40	38.7	35.74	35.1	35.17	35.3	34.09	35.1	34.73	35	35.37	38.2	35.40	33.4	34.77	35	34.90	
81	20		31.2	32.40	38.4	35.27	38.7	35.16	35.4	35.31	34.9	33.87	35.6	34.63	34.2	35.57	38.3	34.89	34.4	34.76	33.4	34.81	
82	21		30.6	32.94	38.1	34.23	35.8	34.10	34.9	34.91	34.4	34.07	35	35.21	39.2	35.69	35.7	34.36	34.7	34.79	34.2	34.89	
83	22		32.8	33.56	36.1	32.31	35	33.91	34.6	34.26	34.4	34.51	34.5	35.61	35.3	34.93	31.1	34.17	34.7	34.79	34.4	34.29	
84	23		34.5	33.84	34.6	31.60	33.6	34.07	34.1	34.11	31.3	34.94	35.6	36.09	33.6	34.89	33.3	34.53	34.4	34.83	35.4	33.79	
85	24		33.2	34.03	32.6	31.33	33.6	34.26	35.2	34.11	34.3	35.80	33.9	36.20	35	35.24	35.6	34.57	36.2	34.64	36.6	33.26	
86	25		32.2	34.19	34.7	31.37	34.8	33.99	36.9	34.17	34	36.03	33.4	36.36	35.3	35.44	35.6	34.29	35.6	34.16	35.3	32.57	
87	26		32.3		32.4		34.6		36.1		33.8		34.4		36.4		34.6		33.3		34.4		
88	27		35		31.1		31.3		32.6		36.3		39.7		35		34.6		34.6		33.9		
89	28		34.9		24.7		34.5		30.3		37.5		37.8		33.9		34.4		34.7		30		
90	29		34.8		31.1		36.1		33.6		37.4		37.8		35		33.6		35		30.9		
91	30		35.8		32.7		34.9		34.1		37.3		36.4		36.1		33.6		33.1		31.7		
92	31		34.3		32.9		31.7		35.6		35.9		35		36.4		33.6		32.8		31.8		

Table I.2. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Nawabshah

Data : Daily Maximum Temperature °C

Data Source: Wunderground.com

S. No	Month	Day	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	2006	7-DA
1	June	1	35.0	39.05	38.889	39.81	42.778	41.67	41	42.98	43.889	41.75	43.889	44.37	47.778	48.02	45	45.79	45.556	46.51	40.556	41.90
2		2	38.9	40.16	38.333	39.65	45	39.92	42.716	43.10	41.667	41.90	43.889	44.52	45	48.02	46.667	44.92	45	46.27	40	42.54
3		3	40.6	40.87	37.778	39.25	32.778	39.92	42.531	43.25	42.778	42.22	45	44.52	47.778	48.41	46.667	44.05	47.778	46.51	41.667	43.49
4		4	36.667	40.63	41.667	39.81	42.778	41.75	44.259	43.52	41.667	42.38	45	44.37	50	48.41	47.778	43.49	48.889	46.35	43.889	44.21
5		5	40	41.00	41	39.97	41.667	41.19	43.074	43.62	35.556	42.70	45	44.60	48.889	48.10	45	43.17	50	45.63	40.556	44.60
6		6	40.556	41.51	41	40.22	42.778	40.79	43.877	43.26	41.667	43.89	45	45.00	47.778	47.94	45.556	43.41	46.667	44.44	43.889	45.32
7		7	41.667	40.95	40	40.08	43.889	39.92	43.395	42.95	45	43.65	42.778	44.68	48.889	47.62	43.889	43.33	41.667	43.17	42.778	45.48
8		8	42.778	40.71	37.778	40.32	30.556	39.44	41.852	43.02	45	42.94	45	44.84	47.778	46.90	38.889	43.57	43.889	43.02	45	45.48
9		9	43.889	40.71	35.556	41.03	45	41.19	43.765	43.71	43.889	42.30	43.889	44.84	47.778	46.03	40.556	43.73	46.667	42.86	46.667	45.56
10		10	38.889	40.71	41.667	42.38	45.556	40.48	44.4	43.72	43.889	41.98	43.889	44.84	47.778	45.16	42.778	43.89	46.667	42.46	46.667	45.40
11		11	43.889	41.27	42.778	43.10	38.889	39.68	45	43.89	43.889	42.38	46.667	44.37	47.778	44.60	45.556	43.89	43.889	42.06	46.667	44.52
12		12	38.889	41.11	42.778	43.10	38.889	39.68	40.556	43.97	43.889	42.06	47.778	43.41	47.778	43.33	46.667	44.05	41.667	41.90	45.556	43.81
13		13	36.667	41.51	40	42.94	36.667	40.24	41.667	43.73	40	42.22	42.778	42.38	45.556	41.90	45	43.89	37.778	41.90	45	43.25
14		14	40	42.06	41.667	43.65	40.556	40.40	43.889	43.89	40	43.17	43.889	42.70	43.889	41.51	45.556	43.97	40.556	42.62	42.778	42.78
15		15	42.778	41.75	42.778	44.21	42.778	39.44	46.667	43.73	40.556	44.29	45	42.86	41.667	41.35	40	43.89	42.778	42.62	45.556	42.94
16		16	43.889	41.43	45	35.56	40	38.89	43.889	42.78	41.667	44.76	43.889	43.10	41.667	41.67	41.667	44.44	43.889	42.46	45.556	42.94
17		17	42.778	40.95	46.667	34.37	40	38.02	45.556	42.30	46.667	44.92	40.556	43.33	43.889	42.14	42.778	44.92	43.889	42.14	40.556	43.10
18		18	42.778	40.79	42.778	33.81	38.889	38.10	45.556	41.75	41.667	44.37	40	43.97	38.889	41.83	46.667	45.08	42.778	42.14	41.667	44.13
19		19	41.667	40.63	41.667	33.81	42.778	38.97	38.889	41.75	45	44.52	40.556	44.37	37.778	42.38	45.556	44.68	41.667	41.98	41.667	44.29
20		20	40.556	41.11	45	34.13	37.778	37.94	42.778	42.14	46.667	44.37	45	44.29	42.778	43.25	45.556	44.13	42.778	41.98	41.667	44.05
21		21	37.778	41.27	45.556	33.81	33.889	39.52	42.778	41.03	47.778	43.97	45	43.65	42.778	43.25	45	43.33	40.556	41.67	43.889	44.21
22		22	40.556	41.67	-17.778	33.10	38.889	41.35	40	40.32	43.889	43.41	46.667	43.33	43.889	43.41	43.889	42.70	41.667	41.83	45.556	43.73
23		23	40.556	41.59	36.667	42.06	33.889	41.51	40.556	40.40	42.778	43.41	45.556	42.78	45	43.41	45	42.54	41.667	41.83	46.667	43.17
24		24	41.667	41.51	42.778	42.54	40.556	42.46	41.667	40.71	42.778	43.10	45	42.22	41.667	43.10	43.889	42.22	43.889	41.83	47.778	42.46
25		25	41.667	41.35	42.778	42.22	45	41.51	45.556	40.87	42.778	42.54	42.778	41.90	42.778	42.94	43.889	41.90	41.667	41.11	42.778	41.35
26		26	45	41.11	43.889	41.35	35.556	39.37	41.667	40.08	43.889	42.38	40	41.90	43.889	42.78	41.667	41.43	41.667	40.95	40	41.51
27		27	41.667	40.48	42.778	39.92	48.889	38.65	35	39.13	43.889	42.06	40.556	42.62	42.778	42.62	40	41.19	40.556	40.95	42.778	42.06
28		28	40.556	38.49	40.556	39.37	46.667	37.06	37.778	39.84	43.889	40.87	42.778	43.25	43.889	42.94	40.556	41.03	41.667	41.11	40.556	42.38
29		29	40	38.41	45	39.29	40	35.63	40.556	40.40	43.889	39.68	42.778	43.41	43.889	42.22	42.778	41.03	41.667	40.71	41.667	43.10
30		30	40	38.65	40	38.65	40.556	35.16	42.778	40.56	40.556	38.97	41.667	43.41	42.778	40.79	42.778	40.71	41.667	39.84	41.667	43.25
31	1	40.556	38.65	40.556	39.21	33.889	35.08	42.778	39.44	38.889	38.89	42.778	43.73	40.556	39.37	41.667	40.32	38.889	39.44	40	43.10	
32	2	40	37.22	36.667	37.70	30	34.92	40	39.29	41.667	38.73	42.778	44.05	41.667	38.65	40.556	40.16	40.556	39.60	43.889	43.49	
33	3	40.556	37.46	33.889	38.17	30.556	36.35	35	39.37	41.667	38.49	45	44.37	42.778	38.10	40	40.48	41.667	39.60	43.889	43.33	
34	4	27.778	37.62	38.889	38.89	37.778	38.10	40	39.76	35.556	37.94	45	44.37	45	37.22	38.889	40.87	41.667	39.76	45	43.17	
35	5	40	39.92	40	38.41	36.667	38.49	41.667	40.00	35.556	38.25	43.889	44.37	38.889	36.35	40.556	41.43	38.889	39.60	45.556	42.86	
36	6	41.667	40.16	40.556	38.10	36.667	39.05	41.667	39.76	38.889	37.70	42.778	44.52	33.889	36.51	40.556	41.75	35.556	39.84	42.778	42.30	
37	7	40	40.00	43.889	37.86	40	39.52	35	39.21	40	36.98	43.889	44.68	32.778	37.38	40	41.90	38.889	40.56	40.556	42.30	
38	8	30.556	38.97	30	36.98	32.778	39.76	41.667	40.00	37.778	36.83	45	44.37	35.556	38.41	40.556	42.14	40	41.11	42.778	42.46	
39	9	41.667	40.56	40	38.49	40	41.03	40.556	39.44	40	36.98	45	44.05	37.778	39.05	42.778	42.30	40.556	41.19	42.778	42.30	
40	10	41.667	40.00	38.889	38.73	42.778	41.03	37.778	39.44	37.778	36.83	45	43.73	36.667	39.44	42.778	41.90	42.778	41.35	42.778	41.59	
41	11	43.889	39.76	35.556	39.13	40.556	40.63	41.667	39.76	37.778	36.67	45	44.13	38.889	38.57	42.778	41.51	40.556	41.03	42.778	41.03	
42	12	41.667	38.73	37.778	40.16	40.556	40.24	40	39.76	31.667	36.98	45	43.41	40	38.02	42.778	41.19	40.556	41.03	41.667	40.87	
43	13	40.556	38.17	38.889	40.87	40	40.00	37.778	39.60	33.889	37.70	43.889	42.78	40	38.81	41.667	41.19	40.556	41.19	42.778	40.71	
44	14	32.778	37.78	37.778	41.43	41.667	39.37	40.556	40.00	38.889	37.94	41.667	42.30	40	38.81	41.667	41.35	42.778	41.51	41.667	40.40	
45	15	41.667	37.38	40.556	41.83	41.667	39.21	37.778	39.92	38.889	37.94	42.778	42.14	40	38.65	41.667	41.35	40.556	41.51	41.667	40.24	

S. No	Month	Day	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	2006	7-DA
46	July	16	37.778	36.67	41.667	41.83	40	39.05	40.556	40.24	38.889	37.06	42.778	41.75	40.556	37.30	40	41.51	41.667	41.83	37.778	40.24
47		17	40	36.67	41.667	41.98	40	38.41	40	40.24	36.667	36.59	47.778	41.35	30.556	36.35	40	41.51	40.556	41.83	38.889	40.79
48		18	36.667	36.67	42.778	41.98	37.778	38.10	41.667	40.32	40	36.90	40	40.32	35	37.22	40.556	41.51	40.556	42.14	41.667	41.03
49		19	37.778	37.22	42.778	41.83	38.889	38.65	38.889	40.48	36.667	36.19	40.556	40.71	45.556	37.30	42.778	41.51	41.667	42.46	40.556	40.63
50		20	37.778	37.62	42.778	41.51	35.556	38.89	40.556	40.63	35.556	36.35	40.556	40.87	40	35.48	42.778	41.35	42.778	42.22	40.556	40.40
51		21	30	38.02	40.556	40.95	40.556	39.76	40	40.56	38.889	36.83	40.556	40.87	38.889	34.84	41.667	41.03	42.778	41.83	40.556	40.56
52		22	36.667	39.44	40.556	40.40	40.556	39.76	40	40.24	32.778	36.83	40	40.79	30.556	34.68	42.778	40.79	42.778	41.67	41.667	40.56
53		23	37.778	38.57	42.778	40.32	35.556	40.08	40.556	39.76	35.556	37.54	40	41.19	33.889	35.56	40	40.48	41.667	40.95	41.667	40.56
54		24	40	38.57	41.667	40.48	37.778	40.71	40.556	39.52	38.889	38.02	40.556	41.19	36.667	35.40	40	40.48	42.778	40.08	40.556	39.68
55		25	40.556	38.25	41.667	38.89	41.667	41.11	42.778	39.29	35	37.70	42.778	41.11	35.556	35.24	40.556	40.56	42.778	39.92	38.889	38.89
56		26	40.556	37.91	40.556	38.49	40.556	40.00	40	38.89	37.778	38.10	41.667	40.40	32.778	35.56	41.667	40.71	40	39.21	38.889	38.73
57		27	40.556	37.39	38.889	38.49	41.667	38.17	40	38.73	38.889	38.49	40.556	40.16	35.556	35.87	40.556	40.48	40	38.33	41.667	38.25
58		28	40	37.00	36.667	38.73	40.556	37.22	37.778	38.10	38.889	38.49	40	40.08	37.778	36.19	40	40.48	41.667	38.41	40.556	36.83
59		29	30.556	36.70	40	39.29	42.778	36.27	36.667	38.25	37.778	37.94	42.778	39.60	36.667	36.35	40.556	40.56	37.778	38.41	41.667	36.03
60		30	37.778	37.96	43.889	39.29	40	35.56	38.889	38.73	38.889	38.10	40	39.05	32.778	36.67	40	40.87	35.556	38.81	35.556	35.32
61		31	37.778	38.20	30.556	38.81	40.556	35.63	38.889	38.97	36.667	38.65	40	39.29	35.556	37.06	40.556	41.11	41.667	39.68	35	34.52
62		August	1	38.148	38.32	38.889	40.16	33.889	35.56	40	39.13	37.778	38.65	37.778	39.37	37.778	37.38	41.667	40.87	37.778	39.52	37.778
63	2		36.914	38.38	40.556	40.32	27.778	36.27	38.889	39.13	40.556	38.49	40	39.92	35	37.38	40	40.63	33.889	39.37	35.556	33.89
64	3		37.84	38.67	40.556	40.32	35	37.30	35.556	39.29	38.889	38.25	40	40.16	37.778	37.78	40.556	40.63	40.556	40.08	31.667	34.21
65	4		37.901	38.73	40.556	40.24	33.889	37.38	38.889	39.60	35	38.10	36.667	40.16	38.889	37.78	40.556	40.40	41.667	39.84	35	35.08
66	5		39.383	38.88	40	40.40	37.778	37.94	40	39.60	38.889	38.33	38.889	40.63	38.889	37.62	42.778	40.32	40.556	39.60	36.667	35.48
67	6		39.444	38.90	40.556	40.63	40.556	38.33	40.556	38.97	42.778	38.33	41.667	40.87	35.556	37.62	41.667	39.92	41.667	39.60	30	35.79
68	7		38.58	38.62	40	40.40	40	38.25	40	38.00	36.667	37.62	40.556	40.48	37.778	38.10	38.889	38.81	40.556	39.05	32.778	36.90
69	8		38.58	38.57	40	39.68	38.889	38.33	40	37.20	36.667	37.78	41.667	40.24	37.778	38.41	40	39.21	36.667	38.97	35.556	37.30
70	9		38.951	38.57	40.556	39.76	35	38.49	40	36.45	38.889	37.78	41.667	39.68	37.778	38.73	40	39.21	38.889	39.29	37.778	37.78
71	10		38.272	38.30	40	39.68	35.556	38.17	37.778	35.49	37.778	37.46	40	39.44	37.778	39.05	38.889	39.05	38.889	38.97	37.778	37.38
72	11		38.951	38.15	41.667	39.76	37.778	37.62	38.889	34.89	36.667	37.78	40	39.52	37.778	39.37	40	38.73	40	38.65	37.778	37.06
73	12		39.506	37.79	41.667	37.78	40.556	37.30	35.556	34.01	38.889	38.25	40.556	39.60	38.889	39.68	40	38.41	40.556	38.33	38.889	36.75
74	13		37.517	37.52	38.889	37.38	40	36.90	33.765	33.77	37.778	37.38	38.889	39.37	38.889	39.92	33.889	38.41	37.778	38.25	37.778	36.27
75	14		38.203	37.55	35	36.51	40.556	36.43	34.383	33.79	37.778	37.06	38.889	39.37	40	40.08	41.667	39.52	40	38.57	35.556	36.59
76	15		38.615	37.30	40.556	36.75	40	35.48	34.753	33.57	36.667	37.22	37.778	39.21	40	39.37	40	39.13	38.889	38.81	38.889	36.19
77	16		37.037	36.93	40	35.63	32.778	35.00	33.333	33.24	36.667	37.06	40	39.21	40	39.05	38.889	38.97	36.667	39.05	35	35.16
78	17		37.243	37.09	40.556	35.63	31.667	35.56	33.519	33.38	40	37.54	40.556	38.89	40	39.13	36.667	38.97	36.667	39.52	35.556	35.16
79	18	36.42	37.35	27.778	35.79	35.556	36.59	32.778	33.62	40	37.38	40.556	38.89	40	39.21	37.778	39.44	37.778	40.08	35.556	35.16	
80	19	37.586	37.67	38.889	37.94	37.778	36.59	33.827	33.91	32.778	37.38	38.889	39.05	40.556	38.49	40	39.76	40	40.48	35.556	35.48	
81	20	37.723	37.85	32.778	38.10	36.667	36.59	33.951	34.07	35.556	38.41	38.889	39.21	40	38.10	41.667	39.76	40	40.48	40	35.95	
82	21	36.488	37.78	36.667	38.65	33.889	35.87	32.84	34.00	38.889	39.05	37.778	38.33	35	38.10	38.889	39.92	41.667	40.48	32.778	35.63	
83	22	36.008	38.04	32.778	39.13	36.667	36.27	32.407	34.23	35.556	39.21	37.778	37.94	37.778	38.49	38.889	40.48	40.556	39.92	31.667	36.67	
84	23	38.134	38.41	40	40.24	36.667	36.43	34.321	34.57	40	39.92	37.778	37.94	40.556	38.65	38.889	40.87	40	39.52	35	37.54	
85	24	39.095	38.03	41.667	40.08	38.889	35.00	35.185	34.22	38.889	38.49	40.556	38.10	40.556	38.25	40	41.11	40.556	39.21	35.556	37.78	
86	25	38.683	37.91	42.778	39.68	35.556	34.84	34.815	34.12	40	38.65	41.667	38.02	35	37.86	40	41.11	40.556	38.81	37.778	38.10	
87	26	38.82		40		37.778		34.938		40		40		37.778		40		40		38.889		
88	27	37.243		36.667		31.667		33.519		40		32.778		40		42.778		40		37.778		
89	28	38.272		40		36.667		34.444		40		35		37.778		42.778		37.778		40		
90	29	38.615		40.556		37.778		34.753		40.556		37.778		38.889		41.667		37.778		37.778		
91	30	35.46		38.889		26.667		31.914		30		38.889		37.778		40.556		37.778		36.667		
92	31	38.272		38.889		37.778		34.444		40		40		37.778		40		37.778		37.778		

Table I.3. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Panjgur

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	41	42.07	38	34.87	38	38.93	35.5	40.40	39.5	38.57	41	39.86	39.5	40.93	38	41.29	39	34.07	36.5	33.57
2		2	40.5	41.36	37	34.87	38	38.79	39.5	41.26	40	38.50	40.5	39.71	39.5	41.36	40.5	41.21	39	33.86	37	33.86
3		3	42	41.19	35	35.16	39	38.64	41	41.50	40.5	38.50	39.5	39.86	39	41.79	42	41.00	40.5	33.86	38	34.43
4		4	43	40.83	30	35.87	39	38.50	41.2	41.36	38.5	38.43	40.5	39.86	41.5	42.29	42	40.57	---	33.86	39.5	34.64
5		5	43.5	40.26	31	37.23	41.5	38.21	42.5	41.07	36.5	38.71	38.5	39.79	42.5	42.43	43	40.21	42.5	39.64	41	34.14
6		6	43	39.50	32.1	38.44	41	37.36	42.6	40.29	36.5	39.36	38.5	39.79	42.5	42.36	44	39.43	41	39.50	40	33.14
7		7	41.5	38.64	41	39.43	36	36.50	40.5	39.63	38.5	40.14	40.5	39.86	42	42.36	39.5	38.79	36.5	39.64	3	32.29
8		8	36	38.33	38	39.14	37	36.43	41.5	39.30	39	40.50	40	39.36	42.5	42.36	37.5	38.86	37.5	39.71	38.5	36.93
9		9	39.3	38.69	39	39.43	37	36.57	41.2	39.19	40	39.86	41.5	39.14	42.5	42.36	39	39.29	39	39.64	41	36.71
10		10	39.5	38.50	40	39.86	38	36.71	40	39.09	40	39.43	39.5	38.57	42.5	42.29	39	39.57	40.5	39.79	39.5	36.29
11		11	39	37.93	39.5	40.21	37	37.00	39.2	39.30	40.5	39.00	40	38.43	42.5	42.29	39.5	39.86	40.5	40.00	36	36.07
12		12	38.2	37.29	39.5	40.43	35.5	37.14	37	39.36	41	38.50	38.5	38.37	42	41.64	37.5	40.14	41.5	40.36	34	36.71
13		13	37	36.76	39	40.57	35	37.43	38	39.53	42	37.93	39	38.87	42.5	41.00	39.5	40.36	42	40.36	34	37.79
14		14	39.3	36.61	39	40.71	35.5	37.86	38.2	39.81	41	37.21	37	39.44	42	40.57	40	40.36	37	40.14	35.5	38.93
15		15	38.5	36.21	40	40.57	38	38.21	40.7	40.24	34.5	36.79	38.5	40.23	42.5	40.43	40.5	40.29	37	40.64	37	39.86
16		16	38	36.07	42	40.00	38	38.07	40.5	39.86	37	37.50	37.5	40.16	42	40.29	41	40.36	40	41.14	38	40.50
17		17	35.5	36.14	42.5	39.29	40	37.93	41.5	39.93	37	37.93	38.5	39.87	42.5	39.93	41	40.21	42	41.21	38	40.86
18		18	34.5	36.79	41	38.79	38	37.43	39.6	39.89	37	38.36	39.6	39.80	38	39.64	41.5	39.86	43	40.93	40.5	41.79
19		19	34.5	37.57	40.5	38.43	37.5	37.29	38.2	39.94	37	38.79	42	39.93	37.5	39.86	39	39.43	41.5	40.57	41.5	42.21
20		20	36	38.43	40	38.50	38	37.43	40	40.20	37	39.21	43	39.71	39.5	39.86	39.5	39.43	40.5	40.14	42	42.50
21		21	36.5	39.07	38	38.71	38	37.71	41.2	39.99	38	39.21	42.5	39.43	41	39.57	39.5	39.57	40.5	40.07	42	42.71
22		22	37.5	39.57	36	39.14	37	38.14	38	39.84	39.5	39.50	38	39.29	41.5	39.50	41	39.79	40.5	40.00	41.5	42.79
23		23	38.5	40.00	37	39.43	37	38.79	41	40.73	40	39.79	35.5	40.07	39.5	39.50	40	40.00	40.5	39.93	40.5	42.93
24		24	40	39.79	39	39.29	36.5	39.57	41.2	41.30	40	40.21	38	40.71	40.5	39.93	38.5	40.07	40	40.07	44.5	43.21
25		25	40	39.36	38.5	39.14	37	40.36	40	41.87	40	40.14	40.5	35.29	39.5	40.21	38.5	40.36	40.5	40.43	43.5	42.79
26		26	40.5	39.14	41	39.21	38.5	40.71	40	42.66	40	40.29	40.5	35.29	37.5	40.79	39	40.50	38.5	40.64	43.5	42.50
27		27	40.5	38.93	41.5	39.07	40	40.71	38.5	43.37	37	40.36	41	35.14	37.5	41.64	40.5	40.86	40	41.14	43.5	42.29
28		28	40	38.93	41	38.86	41	40.14	40.2	43.94	40	40.86	41.5	35.21	40.5	42.14	41	40.79	40	41.29	42.5	42.07
29		29	40.5	38.67	38	38.86	41.5	39.79	44.2	44.13	41.5	40.86	43.5	34.93	41.5	41.43	42.5	40.43	40	41.50	42.5	42.07
30		30	37	38.41	36	39.43	42.5	39.14	45	43.53	43	40.50	40	34.36	42.5	40.93	40.5	39.93	41.5	41.50	42.5	42.14
31	July	1	37	38.63	38	40.29	42	38.36	45.2	42.56	39.5	40.14	0	34.57	42.5	40.50	40.5	39.43	42.5	41.07	41.5	41.93
32		2	38.5	38.94	39	41.07	39.5	38.21	45.5	41.39	41	40.43	40.5	40.71	43.5	40.07	39.5	38.79	42	40.50	41.5	41.57
33		3	39	39.01	40	41.71	38.5	38.36	45	40.06	40.5	40.50	39.5	41.00	43.5	39.43	41.5	38.00	42	40.07	42	41.29
34		4	40.5	39.30	40	41.79	36	38.71	42.5	38.99	40.5	40.57	41.5	41.29	41	38.79	40	37.00	41	39.79	42	41.07
35		5	38.2	39.51	41	41.31	38.5	39.57	41.5	37.99	40	40.93	39.5	40.79	35.5	38.50	38.5	36.29	41.5	39.29	42.5	40.86
36		6	38.7	39.63	42	40.81	37	40.00	40	37.77	39	41.66	39.5	40.71	38	39.14	39	35.93	40	38.86	43	40.50
37		7	38.5	39.81	42	40.60	37	40.93	38.2	37.27	40.5	42.23	41.5	40.14	39.5	39.29	37	35.71	38.5	38.93	41	40.07
38		8	39.2	39.89	43.5	40.53	41	41.57	37	37.39	41.5	42.37	43	38.86	39.5	39.36	36	36.14	38.5	39.07	39	39.64
39		9	39	39.57	43.5	40.17	40.5	41.64	36.2	37.53	41.5	42.23	42.5	37.64	39	39.43	34	36.57	39	39.21	39.5	39.29
40		10	41	39.29	40.5	39.89	41	41.93	37.5	38.21	41	42.09	41.5	36.43	39	39.57	34.5	37.36	40	39.14	40.5	38.93
41		11	42	38.71	36.7	40.03	42	41.86	35.5	38.86	43	41.80	38	36.43	39	39.86	35	38.21	37.5	38.71	40.5	38.43
42		12	39	38.07	37.5	40.86	41.5	41.57	40	39.86	45.1	40.80	39	36.79	40	40.36	36	38.93	38.5	38.43	40	38.00
43		13	40	38.07	40.5	41.79	43.5	41.21	36.5	40.14	43	39.50	35.5	36.50	39	40.71	37.5	38.57	40.5	37.79	40	37.50
44		14	39	37.93	41.5	41.93	41.5	40.71	39	40.07	41.5	38.57	32.5	37.07	40	41.07	40	38.21	39.5	37.00	38	37.07
45		15	37	38.07	41	41.07	41.5	40.50	38	39.86	40.5	37.86	34.5	38.57	40	41.50	39	37.57	39.5	36.57	36.5	36.93

46		16	37	38.21	41.5	39.79	42.5	40.29	41	39.93	40.5	37.21	34	39.50	40	41.64	39.5	37.14	38.5	36.29	37	37.36
47		17	37	38.50	41.5	39.00	40.5	39.93	42	39.64	39	36.79	41.5	40.21	41	41.07	40.5	36.50	37	36.43	37	38.00
48		18	37.5	38.79	42.5	38.07	40	39.86	42.5	39.43	36	36.64	40.5	40.00	42.5	40.86	40	35.86	35.5	36.86	37.5	38.50
49		19	39	39.07	44	37.07	39	39.86	42	39.14	36	36.86	37	39.64	42.5	40.14	33.5	35.43	34	37.57	36.5	38.86
50		20	39	39.21	41.5	36.29	40	40.00	36	39.07	36.5	37.14	39.5	39.71	41.5	39.43	35	35.57	35	38.64	37	39.36
51		21	40	39.50	35.5	36.00	40	39.71	37.5	39.86	36.5	37.29	43	39.64	43	39.29	35.5	35.79	36.5	39.29	37	39.79
52		22	38	39.64	32	36.57	40	39.43	38.5	40.29	36	37.57	41	39.21	41	39.21	36	36.29	37.5	39.71	39.5	40.29
53	July	23	39	40.14	36	37.29	40	39.29	39	40.43	37.5	38.00	39	39.07	36	39.29	35	36.57	39.5	39.64	41.5	40.29
54		24	39	40.43	35	37.36	40	39.43	40.5	40.50	38	38.36	40	38.57	39.5	39.83	36	37.00	40	39.36	40.5	40.00
55		25	39.5	40.64	35.5	38.29	40	39.64	40.5	40.14	37.5	38.71	38	37.93	37.5	39.40	37	36.29	40.5	39.57	40	39.86
56		26	40	40.57	38.5	39.07	40	39.64	41.5	40.04	38	39.14	37.5	38.07	37.5	39.61	34.5	35.71	41.5	39.36	40	39.93
57		27	41	40.64	39.5	39.43	38	39.93	41.5	39.83	37.5	39.21	39	38.21	40.5	40.04	36.5	35.86	39.5	38.86	40	39.86
58		28	41	40.57	39.5	39.07	38	39.93	40.5	39.69	38.5	39.00	40	38.21	42.5	39.97	39	35.50	39.5	38.79	40.5	39.93
59		29	41.5	40.43	37	38.86	39	40.21	39.5	39.69	39	38.21	40	38.29	41.5	39.54	38	35.29	37	38.64	39.5	39.86
60		30	41	40.29	36.5	39.07	41	40.50	39.5	39.83	40	37.71	35.5	38.29	39.8	39.47	38	35.36	37.5	39.21	39.5	40.14
61		31	40.5	40.29	41.5	39.57	41.5	40.50	38	40.11	40.5	37.79	35.5	38.50	36.5	39.64	31	35.29	41.5	39.57	39.5	40.29
62		1	39	40.36	41	39.36	40	40.43	39.8	40.76	40.5	37.86	39	39.21	39	40.29	33	36.36	39	39.14	40.5	40.57
63		2	40.5	40.14	41	39.43	42	40.29	40	41.00	38.5	37.93	38.5	39.43	40.5	40.50	35.5	37.07	38	38.93	39.5	40.57
64	3	40.5	39.86	37	39.14	38	39.79	40.5	41.21	36	38.14	39	39.64	40	40.57	34	37.43	39	39.00	40.5	40.64	
65	4	40	39.93	38	39.00	40	40.07	40.5	41.21	33	38.43	40.5	39.64	39.5	40.79	37.5	38.07	38.5	39.07	40	40.50	
66	5	40.5	40.07	38.5	38.71	41	40.21	40.5	41.36	35.5	39.29	40	39.50	41	41.29	38.5	38.43	41	39.43	41.5	40.43	
67	6	41	40.14	40	38.36	41	40.07	41.5	41.50	40.5	39.64	37	39.29	41	41.36	37.5	38.50	40	39.36	40.5	40.29	
68	7	41	40.21	40	37.79	41	40.00	42.5	41.36	41	39.00	40.5	39.07	41	41.57	38.5	38.79	38.5	39.43	41.5	40.14	
69	8	37.5	40.21	41.5	37.36	39	39.93	41.5	40.71	41	38.79	40.5	38.43	40.5	41.71	38	38.93	37.5	39.57	40.5	39.86	
70	9	38.5	40.71	39	36.57	38.5	40.00	41.5	40.24	40	38.64	40	37.43	41	41.29	38	38.57	38.5	39.93	40	40.00	
71	10	41	41.00	36	36.14	40	40.14	40.5	39.81	38	38.71	39	36.71	41.5	41.07	38.5	38.57	39.5	40.00	39.5	40.07	
72	11	41	40.79	36	36.50	41	40.21	41.5	39.67	39	38.93	39.5	36.29	43	40.93	40	38.43	41	40.00	39.5	40.00	
73	12	41	40.29	36	37.21	40	34.57	41.5	39.53	38	38.36	38.5	35.79	41.5	40.57	39	38.21	40.5	39.64	40.5	40.00	
74	13	41.5	39.71	36	37.93	40.5	34.79	40.5	39.24	36	38.21	35.5	35.57	42.5	40.43	39.5	38.43	40.5	39.29	39.5	39.86	
75	14	41	39.07	37	38.64	40.5	34.79	38	38.96	39.5	38.50	36	35.93	42	40.21	39.5	38.36	39.5	39.00	39.5	39.71	
76	15	41	38.50	36	39.21	39.5	34.79	38.2	39.17	40	38.07	33.5	36.21	37.5	40.14	35.5	38.07	40	39.00	41.5	39.57	
77	August	16	40.5	37.93	36	39.50	39.5	34.79	38.5	39.29	40.5	37.71	35	37.00	39.5	40.64	38	38.29	39	38.86	40.5	39.14
78		17	39.5	37.43	38.5	39.79	40.5	34.57	39.5	39.36	39.5	37.43	36	37.50	40.5	40.79	37.5	38.21	39.5	39.00	39	38.71
79		18	37.5	37.07	41	39.57	1.5	34.21	40.5	39.36	35	37.36	36	37.86	40.5	40.71	38.5	38.43	38.5	39.07	39.5	38.21
80		19	37	36.76	41	39.29	41.5	39.93	39.5	39.17	37	37.93	37	38.21	40.5	40.71	40.5	38.43	38	39.29	39.5	37.86
81		20	37	36.61	41	38.71	40.5	39.43	38.5	39.17	38	38.29	38	38.00	41	40.71	39	38.00	38.5	39.50	38.5	37.50
82		21	37	36.69	41	37.71	40.5	39.21	39.5	39.03	36.5	38.57	38	37.64	41.5	40.14	37.5	38.00	39.5	39.50	38.5	37.57
83		22	37	36.83	38	36.86	39.5	39.00	39	38.59	37.5	39.21	39	37.71	41	39.21	37	38.00	39	39.14	38.5	37.50
84		23	37	37.04	38	36.43	38	38.93	39	38.01	38.5	39.71	38.5	37.64	40.5	38.36	37.5	38.07	40	39.00	37.5	37.14
85		24	37	37.26	37	36.14	38	38.93	39.5	37.66	39	39.86	38.5	38.00	40	37.57	39	38.14	40	38.57	35.5	37.14
86		25	35.3	36.76	39	36.00	41.5	38.79	39.2	37.44	39	39.93	38.5	38.36	40.5	36.93	38.5	37.86	40	38.21	37	37.43
87		26	36		37		38		39.5		39.5		35.5		40.5		37.5		39.5	32.50	37	32.14
88		27	37.5		34		39		37.5		40		35.5		37		39		38.5		39	
89		28	38		35		39		36.4		41		38.5		35		37.5		37		38	
90		29	38.5		35		39		35		41		38.5		35		37.5		38		36	
91		30	38.5		36		38		36.5		39.5		41		35		38		37		37.5	
92		31	33.5		36		37		38		39.5		41		35.5		37		37.5		37.5	

Table I.4. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Nokkundi

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	43.9	46.31	39.7	39.86	41.7	42.54	37.2	43.57	46.1	41.81	44.7	39.83	43.9	44.33	40	44.50	43	43.43	40	41.14
2		2	45.6	46.71	41.1	40.21	43.9	42.14	42.6	44.84	47.2	41.19	31.7	39.56	44.4	44.73	43	44.86	43	42.43	39.5	41.43
3		3	46.7	40.51	40	40.33	42.8	41.50	42.8	45.03	42.8	41.19	41.1	41.37	44.2	44.57	46.5	44.57	43	42.00	40.5	41.93
4		4	47.2	40.27	40	40.60	42.8	41.10	45	44.79	38.9	41.14	41.7	42.17	45.6	44.44	44.5	43.86	43.5	41.79	43	41.57
5		5	46.9	39.64	38.3	41.47	44.4	40.54	45.6	44.07	38.3	41.61	39.4	42.80	46.1	44.27	45	43.43	45.5	41.86	44	40.64
6		6	46.7	38.97	38.9	42.03	43.3	39.36	44	43.27	38.3	42.41	39.4	43.49	42.2	44.03	46	43.07	46	41.71	41	39.29
7		7	47.2	38.49	41	42.34	38.9	38.33	47.8	42.79	41.1	43.46	40.8	43.81	43.9	44.51	46.5	42.29	40	41.57	40	38.57
8		8	46.7	37.77	42.2	42.59	38.9	38.17	46.1	41.91	41.7	44.01	42.8	43.90	46.7	44.51	42.5	41.79	36	42.36	42	38.36
9		9	2.2	36.90	41.9	42.99	39.4	38.40	43.9	41.60	47.2	43.53	44.4	43.63	43.3	44.36	41	41.86	40	42.79	43	38.00
10		10	45	42.14	41.9	43.74	40	38.49	41.1	41.84	42.5	42.50	46.7	43.09	43.3	44.84	41.5	41.93	41.5	43.00	38	37.64
11		11	42.8	40.87	46.1	44.54	38.9	38.64	40	42.49	42.2	41.90	46.1	41.97	44.4	44.84	41.5	42.43	44	43.43	36.5	38.14
12		12	42.2	39.84	42.2	44.70	36.1	38.71	40	42.40	43.9	41.19	44.2	41.26	44.4	44.13	42.5	42.50	44.5	43.36	34.5	39.07
13		13	43.3	39.37	41.1	45.50	36.1	39.11	40.6	42.24	45.6	40.39	41.7	40.81	45.6	43.34	40.5	42.50	45	43.21	36	40.36
14		14	42.2	38.74	42.7	46.14	37.8	39.67	41.7	42.63	45	39.43	41.4	41.01	43.9	43.01	43	42.86	45.5	42.93	38.5	41.50
15		15	40.6	38.43	45	46.07	40.5	40.14	43.9	42.47	38.3	38.80	40.9	41.69	45.6	43.26	43	42.79	39	42.50	39.5	42.43
16		16	38.9	38.39	47.2	45.36	40	40.07	45.6	42.07	40	39.44	40.6	42.31	46.7	43.74	41.5	43.07	41.5	43.07	40.5	43.14
17		17	36.1	38.70	47.5	44.41	41.1	39.91	45.6	41.99	38.3	39.76	38.9	42.70	43.3	44.09	45	43.36	44.5	43.21	41.5	43.93
18		18	35.6	39.57	47.2	43.66	39.4	39.60	39.4	42.14	37.2	40.36	41.1	42.86	39.4	43.86	42	42.79	43.5	42.86	43	44.86
19		19	38.9	40.73	47.8	43.10	38.9	39.53	38.9	42.94	38.3	41.36	41.1	42.46	38.9	44.03	42.5	43.00	43.5	43.21	43.5	45.29
20		20	38.9	41.29	45.6	42.54	40	39.86	43.3	43.81	38.9	42.40	43.1	42.54	43.3	43.94	43	43.29	43	43.00	44	45.43
21		21	40	41.29	42.2	42.37	41.1	40.26	40.6	43.97	40.6	43.36	46.1	42.89	45.6	43.63	42.5	43.07	42.5	42.64	45	45.79
22		22	40.3	41.53	40	42.66	40	40.57	41.1	44.91	42.8	44.23	45.3	42.57	49	43.46	45	43.36	43	42.57	44.5	46.29
23		23	41.1	41.89	40.6	42.90	38.9	41.13	45	45.94	42.2	44.79	43.3	42.61	49.1	43.04	43.5	43.57	42.5	42.71	46	46.79
24		24	42.2	41.81	42.2	42.81	38.9	42.00	46.7	46.26	42.5	45.30	40	43.10	41.7	42.46	41	43.50	42	43.07	48	46.57
25		25	43.7	41.41	43.3	42.59	38.9	42.71	45	46.49	44.2	45.19	38.3	44.33	40.6	43.01	43.5	43.86	46	43.43	46	45.93
26		26	42.8	40.97	43.9	42.36	41.2	42.96	45	46.96	45.6	44.90	41.7	45.29	38.3	44.44	44.5	44.33	42	43.00	44.5	45.57
27		27	38.9	40.97	44.4	42.27	42.8	42.87	44.4	47.11	45.6	44.50	45.5	45.13	41.1	45.16	41.5	44.47	40.5	43.21	46.5	45.64
28		28	41.7	41.60	44.2	42.27	43.3	42.79	47.2	46.96	46.7	44.01	43.9	45.17	44.4	45.00	44.5	45.19	42	37.43	48.5	45.43
29		29	42.8	41.76	41.7	42.34	43.9	42.87	48.3	46.33	46.7	43.30	45.6	45.41	46.1	44.13	46.5	45.11	44	37.79	48	44.93
30		30	40.6	41.44	40	42.86	45	43.19	47.2	45.86	45.8	42.90	46.7	44.93	45	43.41	43	44.19	45	37.71	44.5	44.50
31	1	39.4	41.83	40.6	43.66	43.9	43.59	48.3	45.70	41.7	42.54	48.6	44.77	45.6	43.01	43.5	44.04	44.5	37.07	43.5	44.57	
32	2	40.6	42.39	41.7	44.60	40.6	44.46	48.3	45.39	42.2	42.70	45	44.41	50.6	42.46	46.8	44.04	43	36.64	43.5	44.79	
33	3	42.8	42.77	43.3	45.07	40.6	45.64	46.1	45.00	42.8	42.94	40.6	44.57	43.3	41.03	45.5	43.50	43.5	36.07	45	45.00	
34	4	43.3	43.09	44.4	44.71	42.2	46.67	43.3	45.09	42.2	43.01	45.8	45.11	40	40.64	46.5	43.43	---	35.50	45	45.00	
35	5	42.8	43.24	44.7	44.33	43.9	47.63	42.8	45.57	41.7	43.10	45.6	45.00	38.3	40.73	44	43.07	44.5	41.64	45	44.79	
36	6	40.6	43.33	45.3	43.61	46.1	48.34	45	45.67	43.9	43.41	42.2	45.00	41.1	41.06	40	43.21	43.5	41.64	45	44.86	
37	7	43.3	43.49	45.6	43.26	47.8	48.10	46.1	44.96	43.3	43.49	45.6	45.49	42.2	41.06	42	43.86	40.5	41.79	45	44.79	
38	8	43.3	43.17	47.2	43.01	50	47.61	46.1	44.17	42.8	43.41	46.1	45.09	41.7	41.14	43.5	43.64	41.5	42.29	45	44.71	
39	9	43.3	42.70	45	42.70	48.9	46.90	45.6	43.46	43.9	43.26	46.1	44.69	40.6	41.37	43	43.57	39	42.43	45	44.71	
40	10	45	41.91	40.8	42.94	47.8	46.26	46.7	43.29	43.3	43.10	44.4	44.37	40.6	41.69	45	43.79	39.5	42.64	45	45.00	
41	11	44.4	40.96	41.7	43.79	48.9	45.46	46.7	43.13	42.8	42.63	45	44.06	40.6	42.40	44	43.71	43	42.71	43.5	44.71	
42	12	43.4	40.49	39.7	44.66	48.9	44.50	43.5	43.13	43.9	41.91	45.6	43.59	40.6	43.11	45	43.71	44.5	42.14	45.5	44.79	
43	13	41.7	40.24	42.8	45.93	44.4	43.86	40	42.94	44.4	40.96	45.6	43.59	41.1	43.90	44.5	43.07	44.5	41.36	44.5	44.64	
44	14	41.1	40.09	43.9	46.56	44.4	43.86	40.6	42.79	42.8	40.01	42.8	43.50	42.8	44.61	40.5	42.43	44	40.57	44.5	44.71	
45	15	40	40.09	45	46.80	45	43.47	41.1	42.79	41.7	39.21	43.3	43.97	43.3	45.01	43	43.00	42.5	34.29	45	44.57	

S.No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	37.8	40.17	46.7	46.71	44.4	42.91	44.4	42.79	42.8	38.89	43.9	43.81	42.8	44.86	44.5	43.14	40.5	33.79	47	44.43	
47		17	38.3	40.80	46.7	46.27	42.2	42.53	45.6	42.40	40	38.49	42.2	43.34	45.6	43.90	44.5	43.00	40	33.79	43	44.07	
48		18	41.1	41.29	47.8	45.79	42.2	42.46	46.7	40.57	37.8	38.33	41.7	43.34	45.6	43.41	44	42.86	39	34.07	44	44.14	
49		19	41.7	41.44	48.6	45.19	44.4	42.30	42.2	40.17	37.2	38.49	45.6	42.86	46.1	43.41	40.5	42.57	39	34.79	44.5	43.93	
50		20	40.6	41.60	47.2	44.67	44.4	41.76	38.9	40.33	37.8	38.73	45	42.14	46.1	43.34	40	43.00	39	35.64	45	43.57	
51		21	41.1	41.91	45.6	44.39	41.7	41.04	40.6	40.96	37.2	38.96	46.1	41.83	45.6	43.27	44.5	43.64	---	36.64	43.5	43.21	
52		22	40.6	42.39	44.4	44.46	41.1	40.89	41.1	41.03	39.4	39.44	42.2	41.36	42.2	43.19	44	43.50	39	43.00	44	43.00	
53		23	42.2	42.86	43.6	44.59	41.7	40.97	41.7	41.11	40	39.69	40.6	41.36	36.1	43.43	43.5	43.36	40.5	43.71	44.5	42.71	
54		24	41.7	43.01	43.3	44.94	41.7	41.13	32.8	41.03	38.9	40.00	42.2	41.00	42.2	44.07	43.5	43.00	42	44.29	43.5	42.29	
55		25	42.2	43.17	43.6	44.94	41.1	41.60	43.9	42.14	38.9	40.63	38.3	40.53	45.6	43.36	42	42.43	44	44.64	42.5	42.07	
56		26	42.8	43.17	45	44.79	40.6	42.16	43.3	41.74	38.9	41.19	40.6	40.93	45.6	42.56	43.5	42.43	45	44.50	42	41.93	
57		27	42.8	43.01	45.2	43.99	39.4	42.79	43.3	41.59	39.4	41.90	42.8	41.20	45.6	41.84	44.5	42.79	46	43.93	42.5	41.86	
58		28	44.4	42.86	46.1	43.13	40.6	43.59	41.1	41.51	40.6	42.39	42.8	41.20	45	41.29	43.5	42.71	44.5	43.07	42	41.79	
59		29	43.9	42.39	45.3	42.46	41.7	44.00	41.7	41.76	41.1	42.61	42.2	41.43	43.9	40.89	43	42.29	44	42.36	42	41.50	
60		30	43.3	42.14	46.1	41.97	42.8	44.23	41.1	42.07	42.2	42.86	38.1	41.83	40.6	40.73	41	41.71	44.5	42.07	41.5	41.64	
61		31	42.8	42.14	43.3	41.57	45	44.30	40.6	42.54	43.3	43.01	38.9	42.66	37.2	40.96	39.5	41.64	44.5	42.07	42	41.71	
62		August	1	42.2	42.21	42.5	41.73	45	43.99	41.1	43.09	42.8	43.01	41.1	43.21	40	41.99	42	41.79	43	42.00	41.5	41.79
63			2	41.7	42.30	39.4	42.17	45	43.51	42.2	43.40	43.9	43.17	42.5	43.14	40.6	42.79	46	41.64	41	42.14	41.5	41.71
64			3	41.7	42.61	39.2	42.73	45	42.89	42.8	43.49	42.8	43.17	42.8	42.94	41.7	43.57	44	40.71	40	41.64	42	41.86
65			4	41.1	42.93	41.4	43.60	43.5	42.26	42.8	43.40	42.2	42.93	44.4	42.86	42.2	44.24	40.5	40.14	39.5	41.86	40	41.93
66			5	42.2	43.24	41.9	44.16	43.3	42.00	43.9	43.40	42.8	42.40	45	42.47	42.8	44.73	39	40.29	42	42.07	43	42.21
67			6	43.3	43.40	43.3	44.56	43.3	41.93	44.4	43.09	43.3	42.00	43.9	41.84	42.2	45.20	40.5	40.71	44.5	42.21	42	41.93
68			7	43.3	43.57	44.4	44.56	42.8	41.77	44.4	42.54	43.3	41.69	42.8	41.04	44.4	45.20	40.5	40.93	44	42.21	42.5	41.64
69			8	42.8	43.57	45.6	44.40	41.7	41.69	43.3	41.91	43.9	41.37	40.6	39.89	45.6	44.17	41	41.07	44	42.36	41	41.36
70			9	43.9	43.64	43.3	44.07	40.6	41.84	42.8	41.60	43.9	41.21	41.1	39.49	46.1	42.74	39.5	41.14	37.5	42.71	42.5	41.21
71			10	43.9	43.40	45.3	43.91	40.6	42.00	42.2	41.67	41.1	41.06	42.2	39.06	46.4	41.87	40	41.50	41.5	43.86	42.5	40.86
72			11	43.3	43.09	45.3	43.91	41.7	42.31	42.8	41.91	38.5	41.21	41.7	38.74	45.6	41.43	41.5	42.00	41	44.43	42	40.64
73			12	43.3	42.61	44.7	44.16	42.8	42.63	41.7	42.07	40	41.51	40.6	38.34	46.1	41.03	42	42.36	43	44.43	41	40.43
74			13	44.5	42.06	43.3	44.44	42.2	43.03	40.6	42.14	41.1	41.11	38.3	38.21	42.2	40.79	42	42.57	44.5	43.93	40	40.43
75			14	43.3	41.41	43.3	44.97	42.2	43.43	40	42.30	41.1	40.87	34.7	38.37	37.2	41.10	41.5	42.57	45	43.36	40.5	40.50
76			15	43.3	40.79	43.3	45.50	42.8	43.43	41.1	42.70	42.8	40.71	37.8	39.21	35.6	41.98	41.5	42.21	46.5	42.64	40	40.43
77	16		42.2	40.00	42.2	45.67	41.7	43.50	43.3	42.79	42.8	40.23	38.1	39.77	40	42.92	42	42.00	45.5	41.93	40	40.50	
78	17		41.7	39.37	45.3	46.03	42.8	43.66	43.9	42.47	42.2	39.83	40	40.71	43.3	43.03	43.5	41.86	45.5	41.43	41	40.64	
79	18		40	38.97	47	45.74	43.9	43.73	43.9	42.16	40.6	39.67	38.9	40.89	42.8	42.96	44	41.79	41	41.14	40.5	41.00	
80	19		39.4	38.97	46.7	45.21	45.6	43.57	42.2	41.84	37.2	39.43	39.7	41.36	44.4	43.12	43.5	41.64	39.5	41.50	41	41.43	
81	20		40	39.21	47	43.94	45	43.17	41.7	41.84	39.4	39.91	39.4	41.84	44.4	43.05	42	41.36	40.5	41.79	40.5	41.36	
82	21		38.9	39.53	47	42.43	42.2	42.46	42.8	41.60	40	40.24	40.6	42.63	43.33	42.98	39	41.29	40	41.71	40	41.43	
83	22		37.8	40.09	44.5	40.96	43.3	42.46	41.7	41.36	39.4	40.71	41.7	43.31	42.2	42.90	40	41.43	41.5	41.57	40.5	41.43	
84	23		37.8	40.96	44.7	40.00	42.8	42.39	41.1	41.36	40	41.36	44.7	43.84	40.8	42.74	41	41.50	42	41.29	41	41.21	
85	24		38.9	41.27	43.3	39.24	43.3	42.23	41.7	41.60	41.1	41.91	41.2	43.57	42.8	43.10	43	41.29	43.5	41.00	43.5	41.21	
86	25		40	40.63	43.3	38.73	42.8	41.67	41.7	41.91	38.9	42.16	42.2	44.20	43.9	43.10	43	40.79	43.5	40.29	43.5	41.00	
87	26		41.1		37.8		42.8		42.2		40.6		43.1		43.9		41.5		41.5		40.5		
88	27		42.2		36.4		40		40		41.7		44.9		43.9		41.5		40		41		
89	28		42.8		36.7		42.2		41.1		43.3		45.4		42.8		40		39		40		
90	29		43.9		37.8		42.8		41.7		43.9		45.4		41.1		40.5		39.5		39		
91	30		40		39.4		41.7		42.8		43.9		42.8		43.3		39.5		40		41		
92	31		34.4		39.7		39.4		43.9		42.8		45.6		42.8		39.5		38.5		42		

Table I.5. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Murree

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	27.5	27.20	20	18.21	25.1	26.19	20.7	22.16	25.5	25.86	26.5	24.54	24.5	25.27	27.3	29.41	26	26.60	22.5	26.04
2		2	27	15.20	21.4	9.16	27.7	14.66	22.4	13.39	25.5	14.79	28	12.43	23.8	15.63	27.5	17.76	26.2	14.81	24	26.37
3		3	28	19.20	21.5	12.30	27.5	18.29	23.5	17.46	27	18.20	27.3	15.71	25	20.31	28.8	22.09	25.5	17.99	26	26.33
4		4	30.5	23.06	22	15.16	26.5	22.00	22.2	21.64	26	21.27	26	19.04	24	24.74	30	25.91	26.8	21.13	26.8	26.19
5		5	26.5	26.63	17.4	18.37	24	25.91	20.3	25.33	22.8	24.46	22	22.53	25.7	28.96	30.1	29.70	27.5	24.61	27.7	26.01
6		6	24.7	26.60	2.5	19.39	26	25.70	21.5	26.11	26	24.63	20.5	23.24	26.4	29.37	31	29.14	27.8	24.04	28.5	25.77
7		7	26.2	26.99	22.7	22.61	26.5	24.66	24.5	26.61	28.2	24.67	21.5	23.74	27.5	29.37	31.2	28.29	26.4	23.57	26.8	25.13
8		8	29	26.73	21.5	22.51	26.1	24.01	27.4	26.87	26.5	24.64	23	23.96	29.8	29.34	32	27.71	22	23.47	24.8	24.80
9		9	28	26.16	22	22.87	25.4	23.86	28.5	26.96	23.9	25.07	23	24.17	32.8	28.94	30.3	27.29	22.2	23.80	23.7	25.06
10		10	27	25.44	20	23.60	26	23.97	29.3	27.14	21.5	25.73	23.3	23.67	31	28.10	26.8	27.11	22	23.89	25	25.60
11		11	25	24.63	22.5	24.79	27.4	24.16	25.8	27.31	22.3	26.89	24.4	23.46	29.5	27.00	26.5	27.50	24.4	24.40	25.6	26.06
12		12	26.3	23.80	24.5	25.61	22.5	24.03	25.8	27.77	24	27.56	27	22.83	28.6	25.93	26.2	27.76	23.5	24.34	26	26.41
13		13	27.4	23.47	25.1	26.09	18.7	24.61	25	27.66	26.3	28.06	24	22.23	26.4	25.31	25	27.63	24.5	24.44	24	26.56
14		14	24.4	22.21	22	26.14	22	25.94	26.3	27.80	28	28.01	23	22.30	27.3	24.97	27.2	27.73	25.7	24.10	24.5	27.01
15		15	25	21.16	24	26.21	25	27.03	28	27.47	29.5	27.53	24.5	22.37	27	24.61	29	27.44	24.3	23.69	26.6	27.74
16		16	23	20.94	27.1	26.14	26.2	27.84	29.8	27.04	28.5	26.81	19.5	22.30	26.9	24.61	29.1	26.73	22.8	23.73	27.5	28.59
17		17	21.3	21.16	28.3	25.84	27.3	28.00	30.5	26.50	29.6	26.29	21.8	22.63	23.3	24.91	29.5	26.03	25.6	23.61	28.2	29.23
18		18	19.2	21.47	28.3	25.59	26.5	28.00	29	26.00	27	25.56	20	22.80	22	25.64	28.3	25.39	24	23.24	28.1	29.94
19		19	24	22.00	27.8	25.61	26.6	28.21	25	25.79	27.5	25.06	22.8	22.94	24.3	25.93	25.3	25.06	24.2	22.86	27	30.36
20		20	18.6	21.93	25.5	25.50	28	28.66	26	26.50	26	24.63	24.5	23.01	24	25.63	25.7	25.01	22.1	22.66	27.2	30.73
21		21	17	22.84	22.5	25.64	29.6	28.94	24	26.87	24.6	24.46	23.5	22.59	24.8	25.49	25.2	24.91	22.8	22.73	29.6	31.16
22		22	23.5	23.99	23.5	25.64	30.7	29.01	25	27.23	24.5	24.37	24	22.51	27	25.37	24	24.60	24.6	22.69	32.5	30.56
23		23	24.5	24.56	25	25.14	27.3	28.51	26	27.37	24.8	23.99	21.8	22.44	29	24.80	24.2	24.70	22	22.57	32	29.40
24		24	23.5	24.34	26.5	24.64	27.3	28.37	27	27.01	24.5	23.69	23	22.97	28.4	24.09	25	24.67	23	23.14	33.2	27.90
25		25	22.9	23.41	28.5	24.14	28	27.90	27.5	26.73	23.5	22.93	21	23.19	24	23.74	26	24.57	21.3	23.61	31	26.39
26		26	23.5	23.43	27	23.57	29.7	27.44	30	26.51	24.5	22.43	23.3	23.30	22.2	24.30	25	24.46	22.8	24.46	29.6	25.24
27		27	25	23.36	26.5	23.43	30	26.36	28.6	25.73	24.8	21.96	21.5	23.44	23	25.13	25	24.60	22.6	25.00	30.2	24.10
28		28	25	23.07	22.5	23.64	30.1	25.64	26.5	24.93	24	21.70	23	23.34	24	25.77	23	24.64	22.5	25.37	25.4	23.01
29		29	27.5	22.57	20	24.50	27.2	24.70	26	24.54	21.8	21.56	23.5	23.49	23	25.99	24.7	24.93	23.8	25.44	24.4	22.97
30		30	23	19.00	21.5	25.70	26.3	24.53	23.5	24.11	22.7	22.01	25.5	23.49	24	26.20	24	24.66	26	25.53	21.5	22.66
31	July	1	17	19.07	23	26.56	24	24.23	25	24.14	19.2	22.46	24.5	23.43	26	26.13	24.3	24.51	26.3	25.39	22.6	22.73
32		2	23	20.10	24.5	27.13	24.8	24.30	26	24.00	20	23.43	21.8	23.53	27.9	25.96	25.2	24.33	27.2	25.20	23	22.39
33		3	23	20.46	26	27.24	22.1	24.26	24.5	23.79	21.2	23.93	24.3	23.49	28	25.59	26	24.01	26.6	24.74	21.6	22.07
34		4	23	20.96	28	26.99	25	24.70	23	24.24	23	24.07	20.8	23.64	27.5	25.30	25.3	23.47	25.2	24.23	22.6	22.59
35		5	21.5	21.50	28.5	26.41	23.5	24.41	23.8	24.87	23	24.16	24	24.19	25.5	24.74	25	22.89	23	23.94	25.1	22.91
36		6	2.5	22.07	28.4	25.70	26	24.10	23	25.23	25	24.16	23.5	23.69	24.5	24.84	22.8	22.24	24.4	24.16	22.2	22.70
37		7	23.5	25.39	27.5	25.00	24.2	23.17	23.7	24.94	25.8	23.73	25.1	23.33	23.5	25.20	23	21.93	25	24.07	22	22.14
38		8	24.2	25.46	27	24.36	24.5	22.87	24	24.91	26	23.33	25.2	22.86	24.8	25.70	23	21.53	25	23.81	20.2	21.69
39		9	25.5	25.09	25.3	23.93	24.5	22.63	24.5	25.07	23.5	22.90	21.5	22.37	25.3	26.09	23	21.50	24	23.53	20.8	21.91
40		10	26.5	24.23	24.2	23.43	25.2	22.41	27.7	25.29	22.2	22.97	25.4	22.66	26	26.19	22.2	21.39	23	23.39	25.2	21.80
41		11	26.8	23.93	24	23.11	23	21.84	27.4	25.04	23.6	23.09	24.6	22.20	23.6	26.23	21.2	21.27	23.2	23.31	24.9	21.06
42		12	25.5	23.67	23.5	23.14	21.3	21.84	26.3	24.41	23	23.00	20.5	21.83	26.2	26.46	20.5	21.44	24.5	23.40	23.6	20.53
43		13	25.7	23.84	23.5	23.21	19.5	22.01	21	23.80	22	23.00	21	22.33	27	26.37	20.6	21.77	23.8	23.37	18.3	20.27
44		14	24	24.03	23	22.84	22.1	22.73	23.5	23.61	23	23.21	21.8	22.90	27	26.23	20.2	22.04	23.2	23.34	18.8	20.97
45		15	21.6	24.39	24	22.84	22.8	23.00	25.1	23.40	23	23.36	21.8	23.29	27.5	26.09	22.8	22.59	23	23.46	21.8	21.57

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	19.5	24.93	21.8	22.56	23	23.31	26	22.81	24	23.29	23.5	23.67	26	25.51	22.2	22.47	23	23.67	20	21.66	
47		17	24.4	25.46	22	21.90	21.2	23.46	26	22.30	23	22.40	22.2	23.49	26.3	25.20	21.4	22.34	22.5	23.59	20	22.09	
48		18	25	25.49	24.2	21.71	23	23.93	23	21.93	23	21.77	22	23.24	25.2	24.86	22.4	22.33	23.8	23.94	21.2	22.67	
49		19	26.7	25.56	24	21.40	22.5	24.29	22	22.07	23	21.19	24	23.06	25.6	24.76	22.8	22.47	24.3	24.19	21.8	23.10	
50		20	27	25.31	20.9	21.04	24.5	24.57	19.7	22.36	23.5	21.11	25	22.99	26	24.60	22.5	22.69	23.6	24.54	23.2	23.49	
51		21	26.5	25.07	23	21.34	24	24.71	22	23.17	24	21.04	24.5	22.59	26	24.31	24	22.81	24	24.81	23	23.46	
52		22	25.4	24.79	22	21.10	25	24.96	21	23.71	22.5	21.16	24.5	22.34	23.5	23.89	22	22.74	24.5	24.96	22.4	23.39	
53		23	23.2	24.40	17.2	21.14	24	25.26	22.4	24.16	17.8	21.11	22.2	22.27	23.8	23.93	21.3	22.81	22.4	24.77	23	23.61	
54		24	24.6	24.06	20.7	21.40	24.5	25.40	23.4	23.83	18.6	21.43	20.5	22.06	23.9	24.00	21.3	23.07	25	25.04	24.1	23.64	
55		25	25.5	23.69	22	21.33	25.5	25.41	24	23.13	18.9	21.74	20.7	22.27	24.5	23.93	23.4	23.23	25.5	24.50	24.2	23.56	
56		26	25	23.23	21.5	21.31	24.5	24.96	24	22.49	22.5	21.81	23.5	22.74	24.5	23.94	24.3	23.14	26.8	24.03	24.5	23.39	
57		27	25.3	22.94	23	21.53	25.5	25.17	25.4	22.01	23	21.29	22.2	22.87	24	23.79	23.4	22.87	25.5	23.20	23	23.17	
58		28	24.5	22.37	21.3	21.74	25.7	25.24	25.8	21.89	24.8	21.00	22.8	23.06	23	23.93	23.5	22.63	25	22.79	22.5	23.37	
59		29	22.7	21.77	22.3	21.84	27.1	25.33	24.1	21.31	22.2	20.46	24	23.09	23.8	24.34	22.5	22.44	23.2	22.24	24	23.56	
60		30	20.8	21.86	19	22.09	25	24.94	20.1	21.11	20	20.64	20.7	22.80	24.3	24.23	23.1	22.00	24.3	22.31	23.2	23.59	
61		31	22	22.53	20.2	22.77	24.6	25.09	18.5	21.60	20.8	21.14	22	23.20	23.4	23.96	22.4	21.84	21.2	22.20	23.5	23.67	
62		August	1	22.3	22.31	21.9	23.24	22.3	25.09	19.5	22.14	19.4	21.39	24	23.03	24.6	23.47	22.8	21.99	22.2	22.54	23	23.76
63			2	23	22.53	23	23.83	26	25.36	20.7	22.40	18.8	22.01	24.4	19.96	23.4	23.13	22.4	22.13	21	22.60	23	23.51
64			3	21.3	22.39	24.5	23.66	26	25.00	24.5	22.56	21	22.83	23.5	19.61	25	22.79	21.7	22.30	22.6	22.66	24.4	23.01
65			4	20.3	22.63	22	23.13	26.3	24.71	21.8	22.24	21	22.83	23	19.61	25.9	22.23	22.2	22.51	21.2	22.51	23.8	22.83
66			5	23.3	23.01	24	23.20	24.4	24.10	22.7	22.17	23.5	23.01	22	16.87	23	21.96	19.4	22.51	23.7	22.74	24.2	22.64
67	6		25.5	22.97	23.8	22.91	26	23.79	23.5	22.00	23.5	22.59	23.5	17.11	22.4	22.10	22	23.10	23.5	22.64	23.8	22.36	
68	7		20.5	22.61	23.5	22.09	24.6	23.26	22.3	21.79	22.5	22.40	20.8	14.26	20	21.84	23.4	23.31	23.6	22.71	24.1	22.26	
69	8		23.8	22.74	26	21.66	24.2	22.89	21.3	21.74	23.8	22.40	2.5	14.79	22.2	21.56	23.8	23.40	22.6	22.66	21.3	22.39	
70	9		22	22.06	21.8	21.23	23.5	22.44	21.8	21.84	24.5	22.21	22	17.41	21	20.96	23.6	23.21	21.4	22.74	19.5	22.84	
71	10		23	21.80	20.8	21.16	24	22.09	22.3	22.09	21	21.71	23.5	17.27	21.1	21.19	23.2	23.11	21.6	22.90	23.1	23.57	
72	11		23	21.41	22.5	21.47	22	22.00	21.3	22.36	22.3	22.21	3.8	17.40	24	21.56	22.2	23.16	22.8	23.00	22.5	23.63	
73	12		23	21.41	22	21.54	22.2	22.19	21.5	22.89	20.5	22.36	23.7	20.09	24	21.44	23.5	23.30	23	22.69	22.2	23.84	
74	13		23	21.77	18	21.83	22.3	22.49	22	23.31	22.2	22.67	3.5	20.13	20.6	21.30	23.5	23.23	24	22.59	23.1	24.03	
75	14		21.4	21.84	20.5	22.69	22	22.59	22	23.71	22.5	22.93	24.5	23.13	18	21.91	24	22.77	23.2	22.19	25	24.24	
76	15		19	22.07	23	23.00	21.1	22.73	22	23.77	22.5	23.03	20.9	22.94	18	22.69	22.5	22.21	23.2	22.01	24.5	24.10	
77	16		20.2	22.50	21.3	22.93	21	23.14	23.5	23.69	21	23.03	21	23.39	22.6	23.26	22.9	22.24	22.5	22.16	24.6	23.83	
78	17		20.3	22.50	23	22.56	23.4	23.43	24.2	23.76	24.5	23.10	24.4	23.39	23.7	23.03	23.5	22.29	22.3	21.91	23.5	23.70	
79	18		23	22.64	23	22.63	23.3	23.51	25	23.66	23.3	22.81	22.6	22.76	23.2	22.64	23.2	22.46	20.6	22.16	24	23.49	
80	19		25.5	22.64	24	22.63	24.3	23.59	24.5	23.30	22.7	22.81	24	22.89	23	22.40	23	22.50	22.3	22.53	23.5	23.39	
81	20		23.5	22.50	24	22.44	23	23.30	24.8	22.59	24	22.90	24.5	22.74	24.9	22.04	20.3	22.43	21.2	22.56	24.6	23.50	
82	21		23	22.86	22.7	22.10	23	23.41	22.4	22.01	23.2	22.87	23.2	22.60	23.4	21.41	20.1	22.81	22	22.96	24	23.41	
83	22		22	23.19	22.5	21.03	24	23.56	21.4	21.60	22.5	22.99	24	22.50	22	21.16	22.7	23.03	24.2	23.07	22.6	23.13	
84	23		20.2	23.43	18.7	20.46	23	23.27	24	21.73	21.5	23.20	21	22.56	21	21.16	23.2	23.01	20.8	23.04	23.7	23.04	
85	24		21.3	23.76	23.5	21.12	24	23.13	23.5	21.49	22.5	23.34	20	22.91	21	21.30	24.7	22.99	24	23.50	22	23.11	
86	25		23	23.81	23	21.19	23.8	22.87	22.5	21.20	23.3	23.27	23.5	23.27	21.5	21.21	23.5	22.50	23.2	23.47	23.3	23.40	
87	26		24.5		22.7		22.3		19.5		23.3		23		20.5		22.5		22.5		24.3		
88	27		26		21.63		23.8		20.8		23.8		23.5		20.5		23		24		24		
89	28		25.3		15.2		24		19.5		24		22.5		21.6		21.6		22.8		22		
90	29		23.7		18.5		22		22.3		24		24.4		22		22.6		24		22		
91	30		22.5		23.3		22		22.3		22.5		23.5		22		23		24		24.2		
92	31		21.7		24		22.2		21.5		22		22.5		20.4		21.3		23.8		24		

Table I.6. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Rohri

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	44	46.43	39.5	37.86	46	44.43	40.6	42.80	43.5	44.00	44	43.07	42.5	45.00	43	47.36	45	46.63	42	45.93
2		2	51	46.57	30	38.21	39.5	44.00	43	43.29	45.5	44.07	45.5	42.86	42.5	45.21	46	48.21	43.5	26.64	44	46.07
3		3	48	45.21	37	40.00	44.5	44.07	44	43.29	45.5	44.29	45.5	42.64	44.5	45.71	47	48.50	46.4	32.36	45	46.21
4		4	48	44.57	40	40.86	44	43.14	43	43.64	45	43.57	43	42.79	45.5	45.86	48	48.50	48	38.14	46	46.21
5		5	47	43.79	36.5	41.14	45.5	42.79	44	43.79	45	43.07	43	43.00	45	45.86	49	48.43	48.5	44.36	49	45.64
6		6	43	43.43	41	42.00	46.5	42.43	41.5	43.71	40.5	42.93	40	43.36	46.5	45.71	48.5	48.21	47	43.86	48	44.79
7		7	44	43.50	41	42.14	45	41.00	43.5	43.86	43	43.64	40.5	44.14	48.5	46.00	50	47.71	48	43.79	47.5	43.36
8		8	45	42.71	42	41.86	43	40.14	44	43.71	44	43.83	42.5	44.64	44	45.86	49	47.00	43	43.29	43	42.14
9		9	41.5	42.00	42.5	41.90	40	39.71	43	43.50	47	43.90	44	44.36	46	46.00	48	46.36	40	43.71	45	41.93
10		10	43.5	42.14	43	42.40	38	40.00	46.5	43.86	40.5	43.69	46.5	43.71	45.5	45.79	47	45.79	40.5	44.57	45	41.79
11		11	42.5	41.79	42	42.61	41.5	40.86	44	43.43	41.5	44.40	44.5	43.29	45.5	45.64	47.5	45.36	43.5	44.71	42	41.93
12		12	44.5	41.43	42.5	42.97	43	41.53	43.5	43.57	44	44.83	45.5	43.07	44	45.36	47.5	44.29	45	45.00	43	42.36
13		13	43.5	39.43	42	43.26	36.5	41.74	42.5	43.43	45.5	44.90	45.5	42.37	48.5	45.00	45	43.00	46.5	45.14	38	42.64
14		14	38.5	38.07	39	43.47	39	43.17	42.5	43.64	44.3	44.83	44	42.16	47.5	44.14	45	42.71	44.5	45.14	39	43.50
15		15	40	37.57	42.3	43.61	40	44.39	42.5	43.57	44.5	44.86	40.5	42.51	45	43.71	44.5	42.50	46	45.50	41.5	44.00
16		16	42.5	37.57	46	43.14	42	45.46	45.5	43.26	45.5	44.66	39.5	43.51	44.5	43.79	44	42.43	46	45.71	44	43.50
17		17	41	37.43	44.5	42.50	44	45.96	43.5	42.76	45.5	44.51	43.5	44.73	44.5	44.07	44	42.29	41.5	45.50	46	43.21
18		18	40	37.86	44.5	42.14	46.2	45.81	45	42.83	44.5	44.16	43	44.30	43.5	44.21	40	41.93	45.5	45.93	45	42.93
19		19	30.5	38.43	44.5	41.71	44.5	45.07	42.5	42.54	44.5	44.26	40.6	43.87	41.5	44.14	38.5	42.36	46	45.79	45	42.64
20		20	34	40.14	43.5	41.71	46.5	44.93	44	42.83	45	44.43	44	44.07	42.5	44.57	43	43.07	46.5	45.14	44	42.50
21		21	35	41.36	40	42.00	47.5	44.86	42	43.04	44.5	44.23	46.5	43.93	44.5	44.50	43.5	43.07	47	44.36	42.5	42.29
22		22	40	42.57	39	42.77	47.5	44.50	40.3	43.69	43.1	43.87	47.5	43.21	45.5	44.29	44	43.14	47.5	43.00	38	42.21
23		23	41.5	43.00	41.5	42.91	45.5	44.14	42	44.29	44.5	43.66	48	42.71	46.5	44.07	43	43.14	44.5	42.21	42	42.93
24		24	44	43.50	42	42.84	43	44.14	44	44.50	43	43.37	40.5	41.86	45.5	44.00	41.5	42.00	44.5	42.00	44	43.00
25		25	44	43.29	41.5	42.27	41	43.43	43	44.14	45.2	43.44	40	41.86	43	43.79	43	42.07	44.5	41.93	43	42.57
26		26	42.5	42.57	44.5	42.13	43.5	43.50	44.5	44.07	45.7	43.34	42	41.93	44.5	43.79	43.5	41.79	41.5	41.64	44	42.71
27		27	42.5	42.50	45.5	41.70	46	42.57	45.5	43.71	43.6	42.89	43	42.00	42	43.71	43	41.64	41	41.86	42.5	42.43
28		28	43.5	42.57	45.4	41.06	45	41.21	46.5	43.07	42	42.73	41.5	42.00	43	44.43	44	41.86	37.5	42.07	42	42.21
29		29	43	42.43	40	40.64	45	39.86	44.5	42.29	41.6	42.23	44	41.36	44	44.43	44	42.00	42	42.71	43	42.21
30		30	45	42.07	41	41.14	45.5	38.86	43.5	41.57	42.5	42.50	42	41.00	46	44.79	35	41.71	43	42.93	42.5	41.64
31	1	42.5	41.36	38	41.50	38	38.14	41.5	41.14	43.5	42.79	40.5	40.93	44	44.21	42	41.43	44	42.93	41	40.43	
32	2	39	40.93	40.5	42.11	41.5	38.57	42.5	41.21	44.5	42.79	40.5	41.14	43	44.21	41	40.29	42.5	42.71	44	40.07	
33	3	42	41.21	41.5	42.26	37	38.64	42	41.07	42.5	42.57	42.5	41.43	44	44.14	42.5	39.64	43	42.71	42	39.64	
34	4	43	41.29	41	42.47	36.5	39.07	41	41.14	42.5	42.57	43	41.00	47	44.21	44.5	39.14	42.5	42.50	41	39.36	
35	5	42.5	41.43	42.5	42.61	35.5	39.57	41	41.36	38.5	42.64	37	40.53	43	43.64	45	38.21	42	42.57	42	39.50	
36	6	40.5	41.57	43.5	42.54	38	40.07	39.5	41.64	43.5	43.07	41.5	40.81	46.5	43.86	42	37.50	43.5	42.64	39	39.36	
37	7	40	41.79	43.5	42.26	40.5	40.43	40.5	41.86	44.5	42.93	41.5	40.13	42	43.57	33	37.29	43	42.64	34	39.57	
38	8	39.5	41.79	42.3	42.04	41	40.21	42	41.93	43.5	42.14	42	39.27	44	43.71	34	38.43	42.5	42.50	38.5	40.43	
39	9	41	41.86	41.5	42.00	42	40.14	41.5	42.07	43	41.57	42.5	38.77	42.5	43.57	36.5	39.36	42.5	42.36	41	40.64	
40	10	42.5	41.79	43	42.14	40	40.00	42.5	42.21	42.5	41.07	39.5	38.49	44.5	43.43	39	39.93	41.5	42.29	40	40.57	
41	11	44	40.64	42	42.29	40	40.36	42.5	42.21	43	41.07	39.7	38.93	43	43.29	38	40.00	43	42.43	42	40.57	
42	12	43.5	39.71	42	42.43	39	40.36	43	42.33	41.5	40.79	39	38.76	44.5	43.21	40	39.00	42.5	42.36	41	40.36	
43	13	42	39.14	41.5	42.43	40.5	40.64	41	42.30	42.5	40.86	36.7	38.99	44.5	42.71	40.5	37.71	43.5	42.00	40.5	40.21	
44	14	40	39.07	42	42.21	39	40.64	41	42.09	39	40.60	35.5	39.67	43	42.43	41	36.29	42	41.71	40	40.29	
45	15	40	38.64	42	41.79	40.5	41.14	43	41.80	39.5	41.06	38.5	40.24	43	42.43	40.5	34.86	41.5	41.43	40	40.71	

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	40.5	38.93	42.5	41.36	41	41.21	42.5	41.51	39.5	41.04	40.5	40.10	41.5	42.29	40.5	34.86	42	41.29	40.5	40.43	
47		17	34.5	38.86	44	40.14	42.5	41.36	42.5	41.37	42.5	40.84	42.6	39.67	43.5	42.00	39.5	34.86	42.5	41.14	40	40.79	
48		18	37.5	34.21	43	38.71	40	41.43	43.3	41.30	41	40.57	38.5	39.16	42.5	41.29	31	33.64	42.5	40.93	40.5	41.00	
49		19	39.5	34.71	42	38.14	41	41.36	42.8	41.26	42	40.86	40.6	39.30	41	41.01	31	34.36	40	40.86	40	40.64	
50		20	41.5	34.93	40	37.79	40.5	41.50	39.5	41.29	40.7	40.71	41.5	38.86	42.5	41.30	30.5	35.43	41.5	41.21	41	40.86	
51		21	37	34.64	39	37.86	42.5	41.14	39	41.57	42.2	40.83	39.5	37.43	43	41.16	31	36.50	40	41.43	43	40.86	
52		22	42	35.21	39	38.36	41	40.79	41	42.14	39.4	40.80	37.5	37.29	42	41.10	40.5	37.36	40.5	41.79	38	40.29	
53		23	40	35.14	34	38.57	42	40.71	41.5	42.50	38.1	41.10	37.5	37.57	39.5	41.03	40.5	37.07	41	42.00	43	40.43	
54		24	2	35.43	34	38.93	43	40.43	42	42.50	40.6	41.37	39	37.79	38.5	41.33	31	36.86	41	41.93	41.5	40.14	
55		25	41	40.50	39	39.93	39.5	40.00	43	42.36	43	41.21	39.5	37.29	40.6	41.97	36	37.57	42	42.00	38	39.50	
56		26	41	40.36	39.5	40.21	42	40.29	43	41.79	41	40.79	37.5	37.07	43	42.10	38.5	37.93	42.5	42.00	41.5	39.64	
57		27	39.5	39.93	40.5	40.14	38	40.29	41.5	39.64	41.5	40.57	31.5	37.36	41.5	41.89	38	37.71	43	41.90	41	39.43	
58		28	41	39.71	42.5	40.21	40	41.00	43	38.00	42	40.36	38.5	38.71	42.6	42.24	37	37.50	42.5	41.19	39	39.14	
59		29	41.5	39.43	40.5	39.86	40.5	41.21	43.5	36.43	41.5	40.00	39.5	39.00	41.5	42.30	38.5	37.79	42	40.33	39	39.29	
60		30	42	39.14	36.5	39.79	40	41.36	41.5	34.79	40	39.64	39	38.86	41.6	41.87	39	37.64	40.5	39.90	41	39.71	
61		31	37.5	38.79	41	40.43	40	41.79	41	34.29	39.5	39.57	35.5	39.14	43	41.79	36	37.43	41.5	39.90	37	40.00	
62		August	1	40	39.14	41	40.29	41.5	41.93	39	33.86	40	39.79	38	39.93	41.5	41.59	38.5	37.71	42	39.97	39	40.71
63			2	38	39.21	39	40.21	42	41.86	28	33.86	39.5	39.64	39.5	39.93	41.5	41.59	37	37.79	41.8	39.97	40	40.86
64			3	38	39.79	41	40.14	43	41.71	30	35.57	40	39.86	41	39.86	44	41.66	36.5	38.21	38	40.07	39	40.14
65			4	39	40.29	40	39.36	41.5	41.43	32	36.64	39.5	39.93	40.5	39.36	43	41.51	39	38.79	36.5	40.21	40	39.71
66			5	39.5	40.36	40	39.36	41.5	41.50	32	37.50	39	39.71	38.5	38.86	38.5	41.23	37.5	38.71	39	40.71	42	39.57
67			6	39.5	40.36	41	39.30	43	41.71	38	38.36	39.5	39.71	41	37.50	41	41.37	37.5	39.00	40.5	41.14	43	39.29
68			7	40	40.29	40	39.06	41	41.71	38	38.69	41	39.43	41	36.93	41.6	41.23	38	39.29	42	40.93	42	38.86
69			8	40.5	40.00	40.5	38.91	41	41.86	39	38.61	39	38.36	38	36.57	41.5	40.86	39	39.36	42	40.86	40	38.36
70			9	42	39.64	38.5	38.60	41	41.86	40	38.61	41	38.36	39	36.57	42	40.07	40	39.36	42.5	40.86	35	38.50
71			10	41.5	39.07	35.5	38.60	41	41.86	37.5	38.47	40.5	38.29	37.5	36.29	43	39.36	40.5	39.43	39	40.79	36	39.29
72			11	39.5	38.57	40	39.24	42	41.57	38	38.76	38	38.29	37	36.43	41	38.93	38.5	39.43	40	41.00	39	39.57
73			12	39.5	38.43	39.6	39.17	43	41.43	38	38.90	39	38.79	29	36.86	39.5	38.93	39.5	39.79	42	41.07	40	39.57
74			13	39	38.50	39.3	39.16	43	41.21	40.3	39.11	37.5	38.86	37	38.51	40	38.93	39.5	40.00	39	40.71	40	39.50
75			14	38	38.29	39	39.11	42	40.93	37.5	39.00	33.5	38.99	38.5	39.01	39	38.86	38.5	39.93	41.5	40.71	38.5	39.50
76			15	38	38.14	38.3	39.40	41	40.21	39	39.29	39	39.99	38	39.09	36	38.93	39	39.57	42	40.57	41	39.50
77	16		38	38.14	38.5	39.21	41	39.79	39	39.07	40.5	40.41	37	39.29	37	39.29	40.5	39.00	42	39.93	40.5	39.07	
78	17		38	38.14	40	39.07	39	39.43	39.5	38.93	40.5	40.21	38.5	39.67	40	39.50	40.5	38.57	40.5	39.71	38	39.00	
79	18		38.5	38.07	39.5	38.79	41	39.60	39	38.86	41.5	40.29	40	39.80	41	39.57	41	38.36	40.5	39.50	39	39.21	
80	19		40	37.71	39.5	38.46	41.5	39.81	39.5	38.93	39.5	40.21	40.6	39.59	39.5	39.57	41	38.07	39.5	39.43	39.5	39.50	
81	20		37.5	37.21	39	38.03	41	40.17	39.5	38.93	38.4	40.37	40.5	39.50	39.5	39.57	39	37.79	39	39.71	40	39.64	
82	21		37	37.50	41	38.10	37	40.03	39.5	38.71	40.5	40.74	39	39.50	39.5	39.50	36	37.29	40.5	40.00	38.5	39.57	
83	22		38	37.64	37	37.46	38	40.46	37.5	38.43	42	40.89	38.5	39.79	38.5	38.93	35	37.36	37.5	39.64	38	39.64	
84	23		38	37.86	37.5	37.67	38.5	40.60	38	38.36	39.1	40.69	40.6	40.07	38.5	38.71	37.5	37.50	40.5	40.00	40	39.57	
85	24		37.5	38.43	38	37.96	40.2	40.89	39	38.29	41	40.81	39.4	40.13	40.5	38.36	39	37.36	39	40.14	39.5	39.43	
86	25		36	38.86	37.2	38.29	42.5	41.00	39.5	38.14	41	40.60	38.5	40.29	41	37.93	39	37.21	40	40.50	41	39.36	
87	26		36.5		36.5		44		39.5		40.6		40		39.5		39		41.5		40.5		
88	27		39.5		39.5		40		38		41		40.5		39		35.5		41		39.5		
89	28		38		36.5		40		37.5		41.5		41		35.5		36.5		38		39		
90	29		39.5		38.5		39		37		40.6		40.5		37		36		40		37.5		
91	30		42		39.5		40.5		37.5		40		41		36		36.5		41.5		39		
92	31		40.5		40.3		41		38		39.5		40.5		37.5		38		41.5		39		

Table I.7. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Parachinar

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	2006	7-DA
1	June	1	25	28.89	24.3	25.64	27.1	28.51	28.9	30.21	30	29.80	34.3	32.64	29.6	31.87	28.5	33.29	27.40	30.76	23.00	27.46	28.33	27.06
2		2	27.3	29.60	25	26.17	28	28.64	29	31.09	32.8	29.97	36	31.74	31	32.79	31.7	34.56	27.00	30.84	23.00	28.29	27.22	26.83
3		3	28.5	30.19	24.8	26.53	27.4	28.70	30.4	31.94	28.9	29.50	37	31.03	29.7	33.64	32	35.03	28.50	30.79	26.50	29.11	27.78	27.06
4		4	31.2	30.77	25.8	26.87	29.4	28.93	31.2	32.34	28	29.37	34.3	30.51	30.4	34.26	34	34.97	31.50	30.30	28.80	29.30	26.11	27.54
5		5	31.8	31.03	24.7	27.16	30	28.99	30	32.31	29.6	28.64	31	30.23	32.8	34.77	34.7	34.54	33.80	29.84	30.90	28.93	26.11	27.70
6		6	29	31.37	26.9	27.91	30	28.47	29.2	32.43	29	28.70	27.4	30.51	35	34.89	36.4	33.79	34.50	29.14	30.00	27.94	27.78	28.25
7		7	29.4	31.54	28	28.17	27.7	27.14	32.8	32.43	30.3	29.21	28.5	31.37	34.6	34.60	35.7	32.87	32.60	28.46	30.00	27.23	26.11	28.73
8		8	30	31.06	28	27.89	28	26.57	35	32.17	31.2	29.97	28	31.73	36	34.23	37.4	32.34	28.00	28.31	28.80	26.57	26.67	29.52
9		9	31.4	30.63	27.5	63.46	28.4	26.29	35	31.60	29.5	30.30	31	32.01	37	33.83	35	31.77	26.60	28.83	28.80	26.09	28.89	30.24
10		10	32.6	29.03	27.2	63.70	29	26.36	33.2	31.74	28	30.66	33.4	31.24	34	33.14	31.6	31.63	25.10	29.19	27.80	26.23	31.11	30.16
11		11	33	28.23	27.8	65.03	29.8	26.41	31	32.37	22.9	31.31	32.3	30.04	34	32.14	31	31.97	28.30	29.97	26.20	26.69	27.22	29.84
12		12	34.2	26.97	30	65.59	26.4	26.30	30.8	32.80	30	32.84	33	28.86	33.6	31.20	29.4	32.16	28.90	30.21	24.00	27.51	30.00	30.40
13		13	30.2	26.56	28.7	66.13	20.7	26.77	29.2	32.91	32.6	32.74	33.4	27.96	33	30.11	30	32.17	29.70	30.30	25.00	28.66	31.11	30.00
14		14	26	26.73	26	66.57	23.7	28.41	31	33.06	35.6	32.57	31	27.47	32	29.43	32	32.46	31.60	30.34	25.40	29.59	31.67	29.37
15		15	27	27.30	27.7	66.86	26	29.91	31	32.99	33.5	31.69	30	27.76	33.2	29.24	33.4	32.46	31.60	30.11	25.40	30.70	31.67	29.13
16		16	20.2	27.63	29.2	31.14	28.9	31.06	36	32.66	32	31.47	25.6	28.27	32.2	29.21	34	31.54	29.10	30.03	29.80	31.86	28.33	28.89
17		17	27	29.13	36.5	31.13	29.4	31.01	37.6	31.89	32.6	27.39	25	28.81	27	29.90	34	30.76	30.60	30.03	31.00	32.70	28.89	29.60
18		18	24.2	29.61	31.7	30.24	29	30.87	34	31.20	33.6	27.19	24	29.41	27.4	30.76	32.3	30.04	30.00	29.94	32.00	33.67	31.11	30.40
19		19	31.3	30.59	33.8	30.24	29.7	30.99	31.6	30.57	29.3	26.99	26.7	30.01	26	30.70	29.5	30.00	29.50	29.67	32.00	34.46	27.22	30.71
20		20	31.4	30.67	31.8	29.99	32.2	31.31	30.2	30.57	31.4	27.57	30	30.63	28.2	31.13	32	30.57	30.00	29.46	31.50	35.07	26.67	31.03
21		21	30	30.81	28	30.10	34.2	31.63	30.5	31.47	29.4	28.01	33	30.86	30.7	31.41	32	30.71	30.00	29.17	33.20	36.14	30.00	31.51
22		22	29.3	31.31	27	30.21	34	31.60	28.7	32.60	32	28.50	33.6	30.71	33	31.37	27	30.57	31.00	29.00	33.50	36.26	30.00	31.27
23		23	30.7	31.96	29.1	30.53	28.6	31.57	30.6	33.67	3.4	28.50	29.4	30.84	37	31.00	28.5	30.94	29.10	28.79	35.70	36.76	33.33	31.19
24		24	30.4	32.36	30.3	30.26	28.4	32.01	32.8	34.01	31.2	32.37	29.2	31.46	33	30.00	29	31.36	30.00	29.03	37.80	35.80	34.44	30.56
25		25	31	32.61	31.7	29.96	29.8	32.49	29.6	34.23	32.2	32.27	28.2	32.00	27	29.86	32	31.46	28.10	29.46	37.50	34.60	33.33	30.00
26		26	31.9	32.96	32	29.57	32	32.70	31.6	35.43	33.4	31.81	31	31.97	29	30.86	33.5	31.46	28.00	30.16	36.30	33.13	29.44	29.84
27		27	32.4	32.60	32.6	29.14	34.4	32.56	36.5	36.00	34.5	30.90	31.6	31.77	30.2	32.00	33	31.49	28.00	30.73	39.00	31.66	30.00	29.60
28		28	33.5	31.93	28.8	28.86	34	31.93	38.4	35.21	32.8	30.06	32	31.54	30.4	32.74	31	31.70	28.80	31.50	34.00	29.80	28.33	29.52
29		29	33.8	31.37	29.2	29.46	33.8	31.39	36.2	34.13	32	29.44	34.5	31.11	30.4	33.14	29.6	31.66	29.50	31.83	37.00	28.87	29.44	30.00
30		30	33.5	30.70	27.2	30.11	31.7	30.90	33	33.41	30.5	29.36	33.7	30.36	30	33.29	31.4	31.20	30.80	32.30	29.00	27.59	28.89	30.48
31	1	32.2	30.34	28.2	31.13	31.7	30.91	34.3	33.31	30.5	29.83	33	29.93	32	33.14	29.7	30.57	33.00	32.34	29.40	27.27	30.56	31.11	
32	2	33.4	29.89	29	32.01	31.3	31.14	38	32.76	29	30.33	28	29.87	34	32.57	32	30.40	33.00	32.46	27.20	26.93	32.22	31.98	
33	3	29.4	29.46	29	32.84	31	31.59	35.6	32.04	27	30.83	29.6	30.67	37	32.06	33.7	29.79	32.00	32.34	26.00	27.04	27.78	32.62	
34	4	27.7	29.40	30.6	33.60	30	32.09	31	31.90	28.6	31.37	30	30.90	35.4	31.06	34.5	28.97	33.40	32.09	26.00	27.70	29.44	32.54	
35	5	29.6	29.73	33	33.51	30.2	32.66	30.8	32.61	28.5	31.71	29	31.13	33.2	30.14	30.7	28.33	31.10	31.80	27.50	28.37	31.67	32.86	
36	6	29.1	29.79	33.8	33.00	30.4	32.71	31.2	32.27	31.4	31.79	29.2	31.33	31.4	29.83	26.4	28.26	32.80	31.90	28.00	28.91	32.78	31.51	
37	7	31	29.91	34.3	32.37	31.8	32.73	32.3	31.33	33.8	31.19	30.7	31.33	29	29.86	27	28.56	31.10	31.39	26.80	28.49	33.33	31.03	
38	8	29	29.89	34.4	31.90	33.3	32.44	30.4	30.61	34	30.50	32.6	31.20	28	30.14	28.5	29.11	33.80	31.00	27.00	28.59	36.67	29.92	
39	9	30.4	30.21	34.8	31.60	34.4	32.01	33	30.67	32.5	29.83	33.6	30.97	30.4	30.86	27.7	29.50	32.20	29.89	28.00	28.94	36.67	28.57	
40	10	29	30.21	34.3	31.29	34.5	31.61	34.6	30.53	30.8	29.50	31.2	30.87	30	31.23	28	29.33	30.20	28.86	30.60	29.23	27.22	27.70	
41	11	30	30.16	30	31.10	34	31.01	36	30.24	31	29.44	31.6	30.50	29	31.84	30	29.36	31.40	28.33	30.70	29.14	31.67	27.78	
42	12	30	29.73	29.4	31.59	30.6	30.59	28.4	30.01	29	28.81	30.4	29.19	31	32.41	30.2	29.31	31.80	27.70	31.30	29.09	22.22	27.70	
43	13	30	29.37	29.4	32.13	30.5	30.64	24.6	30.56	27.2	28.70	29.2	29.01	31.6	32.56	28.5	29.57	29.20	26.87	25.00	28.90	29.44	28.65	
44	14	30.8	29.09	31	32.46	29.8	30.43	27.3	31.04	29	29.13	29.8	29.41	31	32.90	30.9	30.29	28.40	26.70	27.50	29.69	25.56	28.73	
45	15	31.3	28.64	32.3	31.57	30.3	30.26	30.8	31.26	29.3	29.41	31	29.69	33	33.61	31.2	29.97	26.00	26.64	29.50	30.36	27.22	29.13	

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	2006	7-DA	
46	July	16	30.4	27.91	32.6	30.76	31.6	30.07	32	30.93	30.2	29.27	32.9	29.96	33	33.56	26.5	29.80	25.00	26.93	30.00	30.47	30.56	29.52	
47		17	28.6	27.54	33	29.99	30.3	29.71	32.6	30.16	30.4	29.04	28.6	29.54	34.3	33.19	28.2	30.34	26.50	27.36	30.00	30.69	27.78	29.44	
48		18	27	27.26	33.4	29.37	31	29.50	34.4	29.76	26.6	28.59	22.4	29.51	33	32.43	29.7	30.60	27.00	27.71	30.30	30.74	31.11	29.76	
49		19	27.5	27.11	33.2	28.91	31	29.36	32.2	29.21	28.2	24.79	29.2	29.89	32	32.14	32	30.69	26.00	28.29	30.00	30.53	28.89	29.52	
50		20	28	26.97	31.7	28.57	29	29.26	28	28.84	30.2	24.67	32	28.81	34	31.80	33.5	29.97	28.00	29.07	30.50	30.53	30.00	29.52	
51		21	27.7	26.87	24.8	28.69	28.6	29.16	28.8	29.23	31	24.59	31.7	28.24	36	31.14	28.7	29.40	28.00	29.71	32.20	30.74	28.33	29.37	
52		22	26.2	27.06	26.6	29.71	29	29.33	28.5	29.60	28.3	24.47	32.9	27.91	32.6	30.37	30	29.49	28.00	30.40	30.30	30.43	30.00	29.37	
53		23	27.8	27.46	27.2	30.24	29.1	29.60	26.6	30.19	28.6	24.94	30	27.26	30.4	30.14	30.3	29.34	28.00	30.71	31.50	30.39	30.00	28.97	
54		24	26.6	27.73	28.7	30.53	28.8	29.79	29.8	30.59	27.2	25.23	28.4	26.74	29	30.00	30	29.44	29.00	31.01	30.40	30.00	30.00	28.10	
55		25	26	28.14	30.2	30.76	30	29.81	30.6	30.27	28.7	25.80	25	26.49	31	29.89	30.3	29.61	31.00	31.16	28.80	29.77	29.44	27.86	
56		26	26.5	28.66	30.8	30.37	30.3	29.74	29.6	29.86	27.4	30.23	21.7	26.91	29.6	29.69	27	29.77	31.50	30.47	30.00	29.89	28.89	27.78	
57		27	27.3	29.01	32.5	29.94	28.3	29.36	30.7	29.63	29.6	30.61	28	28.04	29.4	29.97	29.5	30.26	32.50	29.66	32.00	29.83	28.89	27.78	
58		28	29	29.31	32	29.30	29.8	29.64	31.4	29.30	30.2	30.47	29.4	28.43	30.6	30.29	29.3	30.13	32.80	28.59	30.00	29.64	28.33	27.54	
59		29	29	29.37	30.3	28.74	30.9	29.81	32.6	28.87	31.6	30.04	28.3	28.51	31	30.54	29	29.37	30.20	27.61	30.00	29.90	27.22	27.38	
60		30	29.7	29.20	29.2	28.53	30.4	29.60	29.4	28.36	30.6	29.53	26.4	28.41	29.4	30.83	31	28.76	30.10	27.40	28.80	30.10	23.89	27.22	
61		31	29.5	29.11	30.3	28.61	29	29.33	27.6	28.59	31.2	29.44	26.6	28.83	28.2	31.03	31.2	28.19	30.00	27.20	28.80	30.54	28.89	27.06	
62		August	1	29.6	29.04	27.5	28.54	29.5	29.04	27.7	29.11	31	29.41	28	29.31	29.6	31.47	31.4	27.73	26.20	27.34	29.60	30.86	28.89	26.90
63			2	29	28.81	27.8	29.24	27.6	28.66	28	29.39	30.1	29.37	29.6	29.49	31.6	31.59	30.4	27.31	25.80	28.10	29.60	30.60	28.89	26.27
64			3	29.4	28.70	28	29.76	30.3	28.86	28.4	29.61	28.6	29.70	30.7	29.26	31.6	31.50	28.6	26.97	25.00	28.27	30.70	29.94	27.22	25.08
65			4	29.4	28.39	28.1	30.23	31	28.81	28.4	29.84	27.2	30.27	30	28.97	32.4	31.30	24	26.89	26.00	28.37	31.80	29.49	27.22	25.16
66			5	27.8	28.33	28.8	30.84	29.4	28.81	29	29.87	28	30.61	27.6	28.83	33	31.19	24.7	27.39	28.70	28.54	31.40	28.99	26.11	24.84
67			6	29.1	28.59	29.8	31.39	28.5	28.96	31	29.90	30	30.47	29.3	29.03	30.8	31.36	27	27.79	28.70	28.33	31.90	28.76	22.78	25.16
68			7	29	28.56	29.8	31.23	27	29.17	31.3	29.67	31	30.13	30	29.07	31.3	31.53	28	27.64	31.00	28.23	31.00	28.30	27.22	25.87
69			8	28	28.56	32.4	31.04	26.8	29.54	29.6	29.14	30.7	29.99	29.2	29.07	30.4	31.40	28.5	27.50	31.50	27.84	27.80	28.06	24.44	25.87
70			9	28.2	28.66	31.4	30.60	29	29.97	29.6	28.83	32.4	30.00	28	29.23	31	30.06	28	27.50	27.00	27.70	25.00	28.44	20.56	26.35
71			10	27.2	28.73	31.3	30.33	30	29.87	30	28.60	32.6	29.89	28.7	28.74	30.2	29.34	28	27.50	25.70	28.34	27.50	29.26	27.78	27.38
72			11	29	29.05	32.4	30.40	31	29.73	28.6	28.50	29.6	29.51	29	28.64	31.6	29.23	27.5	27.67	27.20	29.13	28.30	29.24	25.00	27.30
73			12	29.7	29.15	32.6	30.40	30.4	29.59	29.2	28.70	27	29.54	29	28.71	34.2	29.10	27.5	27.96	27.20	29.13	29.80	29.23	28.33	27.30
74			13	28.9	29.30	28.7	30.47	30	29.84	29.4	28.97	27.6	30.01	29.6	28.86	32	28.73	26	28.53	28.00	29.03	28.70	29.26	27.78	27.38
75			14	29.0	28.99	28.5	31.20	29.6	30.13	27.6	29.30	30	30.07	30	29.06	30.4	28.41	27	28.96	28.30	29.00	29.30	29.37	27.22	27.38
76			15	28.7	28.76	29.3	31.77	29.8	30.24	27.4	29.73	30.8	30.06	30.3	29.26	21	28.50	28.5	29.10	30.50	28.96	30.50	28.61	27.78	27.30
77	16		28.7	28.67	29.5	32.23	28.3	30.30	28	30.19	31.6	30.07	24.6	29.21	26	29.97	28	28.74	31.50	28.60	30.70	28.33	27.78	27.30	
78	17		29.5	28.65	31.8	32.19	29	30.34	29.3	30.41	30	29.63	28	30.07	29.4	30.43	29.2	28.74	31.20	27.86	27.40	28.20	27.22	27.30	
79	18		29.7	28.39	32.4	31.53	30	30.34	30	30.63	29.8	29.57	29.5	30.07	30.7	30.27	29.5	28.76	27.20	27.33	28.20	28.71	25.00	27.38	
80	19		30.7	28.23	33.1	30.90	32.2	30.44	31.1	30.73	30.3	29.62	30	29.94	31.6	30.03	31.5	28.83	26.50	27.47	30.00	29.07	28.89	27.94	
81	20		26.7	28.01	33.8	30.19	32	29.93	31.7	30.83	28	29.62	31	29.83	29.8	29.51	29	28.54	27.80	27.34	29.50	28.83	27.78	27.86	
82	21		27.4	28.69	32.5	29.19	30.4	28.86	30.6	30.24	29.9	30.05	31.4	29.77	31	29.20	28	28.54	28.00	27.23	24.00	28.69	26.67	28.02	
83	22		28	29.13	32.5	28.40	30.2	28.66	30.6	29.63	30.9	30.26	30	29.90	31.3	28.86	26	28.54	28.00	27.14	28.50	28.66	27.78	27.86	
84	23		28.6	29.39	29.2	27.50	28.6	28.54	29.6	29.11	28.5	30.56	30.6	30.41	29.2	28.67	28	28.76	26.30	27.07	29.80	28.16	27.78	27.62	
85	24		27.6	29.53	27.2	27.37	29	28.71	30.8	28.91	29.6	31.21	28	30.81	28.3	28.81	29.3	28.76	27.50	27.40	31.00	27.57	27.78	27.30	
86	25		28.6	29.81	28	27.54	30.7	28.91	30.7	28.71	30.14	31.49	28.6	31.39	29	28.77	30	28.57	28.20	27.36	30.70	27.10	28.89	27.14	
87	26		29.2		28.1		28.6		31.8		30.3		29.2		28		29.5		25.60		28.30		28.33		
88	27		31.4		26.8		24.5		27.6		31		30.6		27.6		29		27.00		28.50		28.89		
89	28		30.5		27		29		26.3		31.4		32.3		28.6		28		27.40		23.80		25.56		
90	29		29.8		26.2		29.4		27		33		33.6		30		27.5		27.50		25.00		26.11		
91	30		29.6		28.3		29.8		28.2		33		33.4		30.2		28		28.60		25.70		25.56		
92	31		29.6		28.4		30.4		29.4		31.6		32		28		28		27.20		27.70		26.67		

Table I.8. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Dalbandin

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	42.5	44.36	40	38.14	41	41.64	37.8	42.47	43.5	42.14	45	42.50	43	44.26	39	43.50	42	43.71	41.53	41.04
2		2	42.5	44.64	39.5	38.29	42	41.50	41	43.64	45	41.86	44	42.21	43.8	44.69	42	44.21	42.5	43.43	42.48	41.22
3		3	44.5	44.71	38	38.50	41.5	41.14	42	44.21	45	41.50	42	42.36	45	44.71	44	44.07	42.5	43.07	42.72	41.18
4		4	45.5	44.57	37	39.00	42	40.93	43	44.36	41.5	41.14	42.5	42.91	46	44.57	44	43.86	44	42.93	44.44	40.48
5		5	45	44.00	36.5	39.79	43.5	40.57	43.5	44.07	39.5	41.43	41	43.06	43	44.29	44.5	43.64	45	42.86	40.56	38.73
6		6	45	43.64	37	40.50	42.5	39.93	44	43.79	40	42.07	41	43.27	43.5	44.29	45	43.29	46.5	42.79	32.78	37.78
7		7	45.5	41.00	39	41.00	39	41.00	46	41.00	40.5	41.00	42	41.00	45.5	41.00	46	41.00	43.5	41.00	42.78	41.00
8		8	44.5	42.50	41	41.57	40	38.93	46	42.79	41.5	43.14	43	43.63	46	44.14	44	42.21	40	42.81	42.78	38.10
9		9	43	42.14	41	41.93	39.5	38.79	45	42.50	42.5	42.71	45	43.59	44	44.21	41	42.00	40	43.31	42.22	37.78
10		10	43.5	41.93	41.5	42.36	40	39.00	43	42.50	42.5	42.21	45.9	42.66	44	44.50	42.5	42.36	41.5	43.53	37.78	37.54
11		11	41.5	41.36	42.5	42.79	39.5	39.00	41	42.93	43.5	41.79	43.5	42.04	44	44.21	42.5	42.71	43.5	43.81	32.22	38.25
12		12	42.5	40.64	41.5	43.21	39	39.07	41.5	43.21	44	41.00	42.5	41.90	43	43.86	42	42.79	44.5	44.03	33.89	39.92
13		13	41.5	40.00	41.5	43.86	37.5	39.00	41.5	43.29	44	40.21	42	42.19	44	44.00	42	42.86	44.7	44.17	37.78	41.43
14		14	41	39.64	42	44.57	37	39.43	41.5	43.64	44	39.43	43.5	42.69	44	44.14	41.5	42.86	45.5	44.29	40.00	42.30
15		15	42	39.50	43.5	44.50	39	40.07	44	43.64	38.5	38.93	42.7	42.90	46.5	44.29	42.5	43.29	43.5	44.21	40.56	42.86
16		16	41.5	39.21	44	44.00	41	40.43	45	43.21	39	39.43	38.5	42.94	46	44.07	43.5	43.43	41.5	44.21	40.56	43.57
17		17	39.5	39.14	44.5	43.36	40	40.14	46	42.79	39.5	40.00	41.6	43.16	42	44.00	45	43.57	43.5	44.36	42.78	43.65
18		18	36.5	39.57	45.5	42.93	40	40.00	43	42.79	38	40.50	42.5	43.07	41.5	44.36	43	43.21	45	44.36	43.89	44.68
19		19	38	40.43	46	42.50	38.5	39.86	42	43.07	38.5	41.21	44.5	43.07	44	44.36	42.5	43.29	45.5	44.07	44.44	45.08
20		20	39	41.07	46.5	42.14	40.5	40.29	44	43.36	38.5	42.00	45.5	42.93	45	43.86	42	43.57	45.5	43.71	43.89	45.40
21		21	40	41.43	41.5	41.79	41.5	40.64	41.5	43.43	40.5	42.71	45	42.71	45	43.64	44.5	43.71	45	43.14	43.89	45.95
22		22	40	41.71	40	42.19	41.5	41.00	41	44.14	42	43.57	43	42.64	45	43.64	43.5	43.86	43.5	42.79	45.56	46.51
23		23	41	42.14	39.5	42.54	39	41.39	42	45.14	43	44.14	40	43.43	45.5	43.57	44.5	44.14	42.5	42.74	41.11	46.43
24		24	42.5	42.07	41.5	42.69	39	42.39	46	45.93	43	44.57	41	44.43	44.5	43.79	42.5	44.29	43.5	43.74	50.00	46.98
25		25	42.5	41.71	42.5	42.61	39	43.31	45	46.21	43	44.57	42.5	45.29	41.5	44.14	43.5	44.50	43	43.96	46.67	46.27
26		26	42.5	41.71	43.5	42.47	41.5	43.89	44	46.64	44	44.64	43.5	45.64	40.5	45.21	44.5	44.86	43	44.24	46.67	46.03
27		27	41.5	41.71	44	42.26	43	43.81	44.5	46.93	43.5	44.50	44	45.36	43.5	46.29	43	45.14	41.5	44.74	47.78	45.94
28		28	42	41.71	44.3	42.11	44	43.81	46.5	46.86	46.5	44.43	44.5	45.50	45	46.50	45.5	45.57	42.5	45.56	47.78	45.68
29		29	43	41.50	42.5	42.00	44.2	43.67	48	46.29	46	43.93	48.5	45.50	44.5	45.93	45.5	45.36	43.2	46.17	45.00	45.43
30		30	40.5	41.29	40.5	42.36	46	43.50	47.5	45.71	46	43.54	47	44.86	47	45.57	45.5	44.50	49.5	46.36	45.00	45.79
31	July	1	40	41.57	41	43.00	45.5	43.50	48	45.43	43	43.33	47	44.79	47	45.00	44	43.71	45	45.71	45.00	45.79
32		2	42.5	42.07	41.5	43.79	43	43.86	48	44.93	43.5	43.47	45	44.64	49	44.21	46	43.14	45	45.29	45.00	45.64
33		3	42.5	42.29	42	44.43	41	44.71	46	44.43	43	43.54	41.5	44.64	48	43.21	46.5	42.29	46.5	44.50	46.00	45.57
34		4	41.5	42.57	43	44.93	43	45.71	44	44.21	43	43.83	45	45.07	45	42.36	46	41.79	47.2	43.93	46.00	45.50
35		5	40.5	42.93	43.5	44.71	43	46.43	42.5	44.50	43	43.90	44.5	45.00	41	41.64	44	41.36	46.8	43.54	46.00	45.79
36		6	41.5	43.14	45	44.00	43	47.14	44	44.93	43.3	43.97	44	45.00	42	41.57	39.5	41.29	44.5	43.43	47.50	46.00
37		7	42.5	43.21	45	43.50	46	47.43	45.5	44.43	44.5	44.14	46.5	45.00	43	41.50	40	41.93	45	43.50	45.00	45.64
38		8	43.5	42.86	46.5	43.29	48	47.29	44.5	43.71	44	44.14	46	44.29	41.5	41.29	40	42.00	42	43.36	44.00	45.50
39		9	44	42.14	46	43.00	49	47.00	44.5	43.14	44	43.93	45	43.50	42	41.43	40	42.43	39.5	43.43	44.50	45.64
40		10	44.5	41.29	45.5	42.86	48	46.43	44.5	43.00	45	43.57	45	43.29	42	41.50	43	43.14	42.5	43.71	45.50	45.93
41		11	44	40.79	41.5	43.36	48	46.00	46	43.07	43.5	43.21	44.5	43.36	40	41.86	43	43.43	44.5	43.36	48.00	45.79
42		12	42	40.43	38.5	44.14	48	45.14	45.5	43.14	43.5	42.71	44.5	43.21	40.5	42.57	43.5	43.43	46	42.93	47.50	45.43
43		13	42	40.29	41.5	45.50	45	44.43	40.5	43.21	44.5	42.29	44	43.14	41.5	43.64	44	42.79	45	42.21	45.00	45.00
44		14	40	40.36	43.5	46.29	45	44.21	40.5	43.14	44.5	41.50	41.5	43.14	41.5	44.29	40.5	42.29	44	41.43	44.00	44.86
45		15	38.5	40.50	44.5	46.79	46	43.93	40.5	43.29	42.5	40.43	40.5	43.79	42.5	45.07	43	42.64	42.5	40.71	45.00	44.71

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	38	41.07	45	47.00	45	43.36	43.5	43.57	41.5	40.07	43.5	44.29	42.5	45.14	45	42.57	41.5	40.50	46.50	44.57	
47		17	41	41.71	49	46.86	45	42.93	45	43.36	42.5	39.79	45	44.21	44.5	44.79	45	42.21	40	40.71	44.50	44.43	
48		18	41.5	41.79	47	45.50	42	42.64	46.5	43.00	40	39.21	43.5	44.00	45	44.21	43	42.07	41.5	41.36	45.50	44.71	
49		19	41	42.07	48	44.43	43	42.79	46	42.57	40.5	39.07	44	43.86	48	44.00	39	41.93	41	41.93	44.50	44.57	
50		20	42.5	42.50	47	43.14	43.5	42.64	40	42.43	39	39.00	44	43.21	46	43.43	40.5	42.29	39.5	42.86	44.00	44.43	
51		21	41	42.64	47	42.71	43	42.29	41.5	43.07	37	39.14	46	42.93	47	43.21	43	42.71	39	43.64	43.00	44.50	
52		22	42.5	43.29	46	42.57	42	42.00	42.5	43.29	40	39.71	44	42.57	43	43.00	42.5	42.86	41	44.50	44.00	44.79	
53		23	42.5	43.64	44	42.14	42	42.14	42	43.21	39.5	39.93	43	42.14	40	43.21	42.5	42.93	43	45.21	45.50	44.93	
54		24	41.5	43.71	39.5	42.29	43	42.43	42.5	43.00	38.5	40.36	43.5	41.86	40.5	43.64	44	42.79	44.5	45.50	46.50	44.57	
55		25	43.5	43.79	39.5	43.36	43	42.79	43.5	42.71	39	41.14	42.5	41.43	43.5	43.43	42	42.29	45.5	45.74	44.50	43.93	
56		26	44	43.43	39	43.86	42	43.21	45	42.36	40	41.64	39.5	41.21	44	43.29	41.5	42.50	47.5	39.24	43.50	44.00	
57		27	43.5	43.00	44	44.14	41	43.64	44.5	41.93	40	42.07	42	41.57	44.5	43.14	43.5	42.50	45	32.46	44.50	44.07	
58		28	45.5	42.71	46	43.64	41	44.14	43	41.79	41	42.64	43.5	41.71	45.5	42.57	44	42.50	45	31.89	45.00	44.07	
59		29	45	36.79	43	42.79	43	44.71	42	41.79	41.5	42.71	41	41.71	44.5	42.21	43	41.86	46	31.46	45.00	44.21	
60		30	43	36.50	45	42.57	44	45.00	40.5	41.93	42.5	42.71	41	41.93	43	42.00	41.5	41.50	45	31.31	43.00	44.21	
61		31	42	36.50	47	42.14	45.5	44.93	40.5	42.50	44	42.50	40.5	42.29	39	42.29	40.5	41.64	46.2	31.46	42.00	44.21	
62		August	1	41	36.57	43	41.64	46	44.64	41	43.00	42.5	42.43	41	42.57	42.5	43.07	43.5	41.86	---	30.43	45.00	44.36
63			2	41	36.78	41	41.86	45	43.86	42	43.36	43	42.64	42	42.71	43	43.43	41.5	41.50	---	36.00	44.00	44.07
64			3	41.5	37.06	40.5	41.93	44.5	43.36	43.5	43.43	44	42.71	43	42.57	40.5	43.79	43.5	41.43	41	42.00	44.50	43.79
65			4	4	37.28	40	42.36	45	42.93	43	43.21	41.5	42.64	43.5	42.50	43	44.43	39.5	41.07	42	42.14	46.00	43.43
66			5	43	42.85	41.5	43.07	45	42.57	43	43.21	41.5	42.57	42.5	42.29	43	44.93	40.5	41.43	45	42.29	45.00	42.86
67			6	43	42.99	42	43.14	43.5	42.43	44.5	43.14	41	42.50	43.5	41.64	45	45.14	42.5	41.64	46	42.29	43.00	42.43
68			7	42.5	43.13	43.5	43.21	43.5	42.36	44	42.81	43.5	42.50	42.5	41.21	44.5	44.14	42	41.43	39	42.21	43.00	42.14
69			8	42.43	43.35	44.5	43.07	40.5	42.29	43.5	42.24	44	42.14	42	40.36	45	43.07	41	41.29	39	43.36	43.00	42.14
70			9	43	43.57	41.5	42.71	41.5	42.64	42.5	42.03	43.5	41.71	41	39.79	45.5	42.14	41	41.29	42	44.21	42.00	42.00
71			10	43	43.43	43.5	43.00	41.5	42.86	42	41.89	43.5	41.64	42.5	39.50	45	41.50	41	41.57	42	44.71	42.00	42.14
72			11	43	43.07	45	43.07	42.5	43.07	43	41.89	41	41.43	42	39.07	46.5	41.21	42	41.86	43	44.86	42.00	42.36
73			12	44	42.64	42	43.00	44	43.14	42.5	41.81	41	41.50	38	38.86	44.5	40.86	42	42.00	45	44.79	42.00	42.64
74			13	44	42.00	42.5	43.36	43	43.14	42.2	41.74	41	41.50	40.5	39.36	38	40.71	41	42.14	45.5	44.29	41.00	42.79
75			14	44	41.36	42.5	43.71	43	43.57	40	41.86	41	41.50	36.5	39.36	37	41.57	41	42.07	47	43.79	43.00	42.79
76			15	44	40.64	42	44.00	43	43.71	42	42.29	41	41.50	38	39.86	38.5	42.57	41	41.71	45	43.14	42.00	42.57
77	16		42	39.71	43.5	44.36	43	43.86	41.5	42.31	43	41.36	39	40.36	41	42.93	43	41.71	45.5	42.86	43.00	42.57	
78	17		40.5	39.21	44	44.14	43	43.86	42	42.41	42	40.93	39.5	40.71	43	43.07	43	41.64	43	42.57	43.50	42.71	
79	18		40	39.07	44.5	43.79	43	43.86	42.5	42.49	41.5	40.79	40.5	41.00	44	43.07	43	41.64	42.5	42.61	44.00	42.71	
80	19		39.5	39.07	44.5	43.07	44	43.86	42	42.41	41	40.50	41.5	41.07	43.5	43.14	43	41.57	41.5	42.57	43.00	42.57	
81	20		39.5	39.50	45	42.00	46	43.86	43	42.07	41	40.36	40.5	41.14	44	43.29	40.5	41.57	42	42.39	41.00	42.43	
82	21		39	39.86	44.5	40.79	44	43.00	43	41.64	41	40.36	40	41.50	44	43.14	38.5	41.50	42.5	42.24	41.50	42.71	
83	22		37.5	40.43	44.5	39.79	44	42.43	42.2	41.33	40	40.64	41.5	42.07	41	42.79	41	41.71	43	41.89	42.00	42.57	
84	23		38.5	41.07	42	38.93	43	42.14	42.2	41.06	40	41.14	41.5	42.50	42	43.07	42.5	41.64	43.5	41.60	44.00	42.36	
85	24		39.5	40.86	41.5	38.43	43	42.07	42.5	41.10	41	41.64	41.5	42.71	43	43.21	43	41.43	43.3	41.03	43.50	42.36	
86	25		40	40.50	39.5	38.29	43	41.57	42	41.24	39.5	41.79	41	43.07	44.5	43.29	42.5	41.07	42.2	40.49	43.00	42.43	
87	26		42.5		37		44		39.6		40		42		44.5		43		40.2			42.00	
88	27		42		36.5		40		40		41		43		43		40		41			43.00	
89	28		43		37.5		40		40.8		43		44		41.5		40		40			40.50	
90	29		42		38.5		42		40.3		43.5		44.5		43		40.5		41			40.50	
91	30		37		38.5		42.5		42.5		43.5		43		43		41		39.5			44.00	
92	31		37		40.5		39.5		43.5		42		44		43.5		40.5		39.5			44.00	

Table I.9. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Zhob

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	2006	7-DA
1	June	1	36.5	39.36	34	33.79	35.3	35.96	32	34.79	39	36.86	38	37.79	35	36.93	36	38.86	34	36.79	32.0	34.50	30.00	32.22
2		2	38	39.86	30	33.93	35.3	35.80	34	35.54	38	36.57	39.5	37.57	35	37.50	38	39.21	37	36.79	32.0	35.07	37.22	32.22
3		3	40	40.14	34	34.79	32.6	36.04	34	36.11	39.5	36.36	40	37.21	36	38.21	38.5	38.93	37	36.21	34.5	35.71	33.89	31.11
4		4	40	39.71	33	34.93	36.5	36.60	35.2	36.69	37.5	35.79	39	36.79	37	38.79	40	38.57	37.5	35.93	35.5	35.79	30.00	31.43
5		5	42	39.36	31.5	35.36	37.0	36.58	35.5	37.04	35	35.00	37	36.57	38	38.93	39.5	38.14	40	35.79	36.0	35.71	28.33	31.67
6		6	39	38.86	33	35.71	38.0	36.45	35.1	37.19	34.5	35.14	34.5	36.79	39	38.79	39.5	37.64	38	35.43	36.0	35.00	34.44	32.06
7		7	40	38.71	41	36.00	37.0	36.19	37.7	37.39	34.5	35.64	36.5	37.00	38.5	38.64	40.5	37.14	34	35.14	35.5	34.43	31.67	31.59
8		8	40	38.36	35	35.14	34.2	36.14	37.3	37.29	37	36.29	36.5	36.93	39	38.71	38.5	36.79	34	35.79	36.0	33.64	30.00	32.06
9		9	40	37.79	36	35.43	37.0	36.52	38	37.34	36.5	36.57	37	36.86	40	38.71	36	36.71	33	36.43	36.5	32.86	29.44	32.06
10		10	37	37.36	35	35.57	36.5	36.59	38	37.41	35.5	36.71	37	36.57	40	38.71	36	37.14	35	37.29	35.0	32.50	36.11	33.17
11		11	37.5	36.57	36	36.29	36.4	36.68	37.7	37.74	32	36.86	37.5	36.50	38	38.00	37	37.43	36.5	38.07	35.0	32.64	31.67	32.78
12		12	38.5	35.50	34	36.86	36.1	36.73	36.5	38.07	36	37.64	38.5	36.00	37	37.79	36	37.29	37.5	38.43	31.0	33.00	31.11	33.02
13		13	38	34.29	35	37.57	36.2	36.74	36.5	38.36	38	37.71	36	35.57	38	37.43	36	37.29	36	38.64	32.0	33.79	31.11	33.41
14		14	37.5	33.43	35	38.07	36.7	36.79	37	38.50	39	37.43	36	35.79	39	37.14	38	37.29	38.5	39.07	30.0	34.36	35.00	33.89
15		15	36	32.86	37	38.07	36.9	36.82	37.7	38.57	39	36.86	36	36.36	39	37.00	38	37.00	38.5	39.14	30.5	35.50	30.00	33.89
16		16	37	32.93	37	37.93	37.4	36.91	38.5	38.37	37.5	36.71	35	37.00	40	37.14	39	36.86	39	38.64	34.0	36.57	37.22	34.60
17		17	31.5	33.14	40	37.64	37.1	36.91	40.3	38.33	36.5	36.79	36.5	36.86	35	37.43	38	36.29	40.5	38.29	36.0	37.43	33.33	34.52
18		18	30	34.36	40	36.79	36.7	36.96	40	38.07	37.5	37.07	34	36.43	36.5	38.36	36	36.00	39	37.36	37.5	38.21	33.33	35.24
19		19	30	35.93	39	36.36	36.2	37.22	38.5	37.97	36.5	37.36	35.5	36.50	34.5	38.86	36	36.36	39	36.71	36.5	38.93	33.89	35.40
20		20	32	37.43	38.5	36.21	36.5	37.57	37.5	38.21	36	37.86	37.5	36.79	36	39.21	36	36.79	39	35.86	36.0	39.79	34.44	36.11
21		21	33.5	38.43	35	36.57	36.9	37.93	37.5	38.77	35	38.57	40	36.79	38	38.79	36	37.36	39	35.50	38.0	40.57	35.00	36.19
22		22	36.5	39.36	36	37.14	37.5	38.22	36.3	39.41	38	39.14	40.5	36.50	40	38.50	37	37.71	35	35.36	38.0	40.86	35.00	36.19
23		23	38.5	40.00	35	37.00	37.5	38.35	38.2	40.23	38	39.21	34	36.29	42	38.21	35	37.57	36.5	35.79	40.0	40.86	36.67	36.19
24		24	40	39.79	34	36.86	37.5	38.35	38.5	40.56	38.5	39.21	33.5	36.93	41.5	37.43	36	37.86	34	36.21	41.5	40.29	38.33	35.95
25		25	41	39.07	37	37.14	38.5	38.31	39.3	40.99	39.5	39.14	34.5	37.07	40	36.86	38.5	38.00	34.5	37.00	42.5	39.50	34.44	35.79
26		26	40.5	38.21	38	37.07	38.6	38.18	40.2	41.30	40	38.79	37.5	37.21	37	37.00	39	37.86	33	37.71	42.5	38.50	38.89	36.59
27		27	39	38.00	41	37.14	39.0	38.09	41.4	41.34	41	38.07	37.5	36.79	33	37.57	40	37.57	36.5	38.71	41.5	37.64	35.00	36.03
28		28	40	37.79	39	36.86	38.9	37.83	42	40.21	39	37.29	38	36.43	36	38.64	38.5	37.50	38	38.93	40.0	36.79	35.00	36.19
29		29	41	37.57	35	37.07	38.4	37.60	42	39.29	38.5	36.79	39	35.93	38	39.29	36	37.71	38	38.79	38.0	36.00	35.00	36.35
30		30	37	36.71	34	37.86	37.4	37.39	40.5	38.57	38	36.64	38.5	35.71	36.5	39.57	37	37.57	39.5	38.64	36.0	35.21	35.00	36.83
31	31	35	36.64	36	38.79	37.2	37.43	41.5	38.19	38	37.00	34.5	35.71	37.5	39.93	37	37.29	39.5	38.43	36.0	34.86	37.22	37.54	
32	32	35	36.93	36.5	39.29	37.7	37.48	41.5	37.83	37	37.36	35.5	36.29	41	39.86	37.5	36.64	39.5	38.64	35.5	34.50	40.00	38.25	
33	33	39	37.14	38.5	39.93	38.0	37.50	40.5	37.51	35	37.86	34.5	36.36	41	39.43	37	36.36	40	38.71	36.5	34.21	35.00	38.73	
34	34	37.5	37.21	39	40.29	37.1	37.57	33.5	37.56	35.5	38.43	35	36.86	40.5	38.86	39.5	36.00	38	38.43	35.5	34.50	36.11	39.68	
35	35	38.5	37.57	40.5	40.43	37.4	37.67	35.5	38.56	35.5	38.93	34.5	37.07	40.5	38.07	40	35.07	37	38.43	34.5	34.93	36.11	40.16	
36	36	35	38.14	40.5	39.50	36.9	37.66	37	38.77	37.5	39.07	37.5	37.07	40	37.71	35	34.43	37	38.71	32.5	35.50	38.33	40.48	
37	37	36.5	39.00	40.5	38.86	37.7	37.57	37.8	37.91	40.5	38.57	38.5	36.93	39	37.43	35	34.50	38	39.14	33.5	35.79	40.00	40.40	
38	38	37	39.36	39.5	38.64	37.6	37.45	39	37.34	40.5	37.57	38.5	37.00	37	37.29	32.5	34.57	41	39.21	33.5	36.07	42.22	40.00	
39	39	36.5	38.79	41	38.79	37.8	37.34	39.3	37.20	40.5	36.79	36	36.96	38	37.43	35.5	35.14	40	38.71	33.5	36.21	43.33	39.37	
40	40	39.5	38.14	41	38.64	38.5	37.20	40.8	37.09	39	36.00	38	37.18	37	37.43	34.5	35.29	38	38.36	38.5	36.64	41.67	38.57	
41	41	40	37.21	40	38.64	37.8	36.92	40.5	36.79	39	35.64	36.5	36.46	35	37.86	33	35.21	38	38.21	38.5	36.21	39.44	38.17	
42	42	42.5	36.64	34	38.71	37.3	36.85	37	36.71	36.5	35.14	34.5	36.46	38	38.57	35.5	35.07	39	38.21	38.5	36.07	38.33	38.10	
43	43	41	36.14	36	39.43	36.3	36.91	31	37.14	34	35.00	36.5	37.11	38	38.43	35.5	35.00	40	38.00	34.5	35.93	37.78	38.25	
44	44	39	36.00	39	39.71	36.9	37.05	33.8	38.00	33.5	35.21	39	37.46	38	38.57	35.5	34.89	38.5	37.21	35.5	36.36	37.22	38.33	
45	45	33	35.86	40.5	38.57	36.8	37.09	38	38.46	35	35.50	38.25	37.54	38	38.86	36.5	35.31	37.5	36.79	34.5	36.93	37.78	38.49	

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	2006	7-DA	
46	July	16	32	35.93	40	37.64	36.8	36.92	38.5	37.89	35	35.21	37.5	37.43	38	38.71	36.5	35.10	37.5	36.71	36.5	37.64	37.78	38.10	
47		17	33	36.71	41	36.64	36.5	36.78	38.7	37.39	36.5	35.29	33	37.07	40	38.43	34	34.81	37	36.50	35.5	38.21	38.89	38.17	
48		18	36	37.21	40.5	35.86	37.3	36.69	40	37.14	35.5	35.00	36.5	37.64	40	37.86	32	34.67	38	36.43	37.5	38.43	38.89	37.86	
49		19	39	37.29	39	35.36	37.7	36.44	40	36.90	35.5	35.14	39	36.43	37	37.29	35	34.60	37.5	36.57	37.5	38.43	39.44	37.86	
50		20	40	37.14	38	35.21	37.2	36.36	37	36.50	35.5	35.29	39	35.57	39	37.57	34.7	34.60	34.5	36.86	37.5	38.50	38.33	37.86	
51		21	38	36.79	31	35.16	37.2	36.32	37	36.71	35.5	35.43	39.5	35.14	40	37.00	38.5	34.36	35.5	37.64	39.5	38.64	38.33	37.94	
52		22	33.5	36.71	34	35.80	35.6	36.35	34	37.00	33	35.71	37.5	34.93	37	36.57	35	33.79	37	38.29	39.5	38.36	35.00	37.86	
53		23	37.5	37.64	33	36.01	35.9	36.53	35	37.64	35.5	36.43	35	34.71	36	36.71	34.5	33.36	36	38.50	40.5	37.79	38.33	38.10	
54		24	36.5	38.07	35.5	36.66	35.9	36.70	37	38.14	34.5	36.93	37	34.57	36	36.86	33	33.21	36.5	38.71	37.0	37.14	36.67	37.06	
55		25	36.5	38.50	37	36.66	35.6	36.83	38.3	38.00	36.5	37.64	28	34.29	36	36.71	31.5	33.93	39	38.86	37.5	36.93	38.89	35.87	
56		26	38	39.07	38	36.44	37.1	36.98	37.2	37.30	36.5	38.07	33	35.29	39	36.43	35	35.14	39.5	38.14	38.0	36.93	39.44	34.60	
57		27	37.5	39.00	37.6	36.16	37.0	36.65	38.5	35.99	36.5	38.14	36	36.14	35	35.86	33	34.86	40	37.00	38.5	36.71	38.89	33.81	
58		28	37.5	38.64	35.5	36.14	37.4	36.30	39	35.23	37.5	37.07	38	36.43	37	36.00	34.5	35.14	40	35.57	37.5	36.43	37.78	28.25	
59		29	40	38.29	35.5	36.36	36.9	36.01	38.5	34.37	38	36.43	36	36.07	38	36.29	32	35.00	38.5	34.86	35.5	36.43	36.67	27.62	
60		30	40.5	37.93	37.5	36.57	37.1	35.86	38.5	33.44	39	35.71	34	36.07	37	36.29	33.5	35.21	37.5	34.64	36.0	36.86	31.11	26.59	
61		31	39.5	37.43	35.5	36.57	36.8	35.74	36	32.94	39.5	35.36	35	35.93	35	36.29	38	34.86	37.5	34.71	35.5	36.71	28.33	26.51	
62		August	1	40.5	37.07	35.5	36.71	36.6	35.76	33.4	33.23	39.5	35.07	35	35.79	34	36.57	40	34.50	34	34.64	37.5	38.29	30.00	26.90
63			2	37.5	36.71	36	36.86	34.8	35.73	28	33.89	37	34.50	39	35.64	35	37.00	33	34.00	31.5	35.00	36.5	38.00	33.89	27.54
64			3	35	36.79	37.5	37.29	34.5	35.98	33.2	35.24	29	34.64	38	34.93	36	37.57	35	34.57	30	35.64	36.5	37.14	-	26.67
65			4	35	37.39	37	37.43	35.4	36.34	33	35.87	33	35.79	35.5	34.50	39	38.00	33.5	35.07	35	36.43	37.5	36.57	33.33	29.84
66			5	37.5	37.89	37	37.79	35.8	36.52	32	36.44	33	36.07	36	34.29	38	38.07	33.5	35.57	37	36.50	38.5	36.07	29.44	29.84
67			6	37	38.10	37.5	38.00	36.2	36.59	35	37.16	36.5	35.86	33	33.71	37	38.36	31	35.93	38	36.43	41.0	35.79	30.56	30.56
68			7	37	38.31	36.5	37.93	37.0	36.67	38	37.44	37.5	35.21	34	34.43	37	38.50	35.5	36.64	37	36.29	40.5	35.29	31.11	31.19
69			8	38	38.60	36.5	37.86	36.4	36.52	38	37.30	35.5	34.71	34	34.64	37	38.43	36.5	36.14	36.5	36.21	35.5	34.79	34.44	31.75
70			9	38	38.43	39	37.57	36.6	36.43	37.5	36.94	38	34.93	34	34.64	39	38.00	37	35.93	36	36.21	30.5	35.21	27.78	31.83
71			10	39.2	38.36	38.5	37.36	37.0	36.42	37.6	36.80	37	34.86	35	34.71	39	37.14	38.5	35.79	35.5	36.43	32.5	36.36	22.22	32.78
72			11	38.5	37.69	39.5	37.36	36.7	36.35	37	36.64	35	34.93	34	35.00	39.5	36.64	37	35.29	35.5	36.71	34.0	36.93	33.33	34.37
73			12	39	37.50	38.5	37.29	36.3	36.44	37	36.64	31.5	35.29	32	35.50	40	36.29	36	35.21	36.5	36.93	36.5	37.36	34.44	34.60
74			13	38.5	37.13	37	37.29	36.8	36.53	37	36.71	32	35.86	38	36.36	38	35.86	36	35.43	37	36.79	37.5	37.36	35.00	34.76
75			14	39	36.80	36	37.29	35.9	36.51	37	36.86	34	36.14	35.5	36.29	36.5	35.71	32	35.50	36.5	36.64	37.0	37.36	35.00	34.76
76			15	36.8	36.16	34.5	37.43	35.8	36.58	35.5	36.93	37	36.50	34	36.64	34	35.93	35	35.79	36.5	36.64	38.5	37.21	35.00	33.81
77	16		37.5	35.96	37.5	37.71	36.5	36.63	36.5	37.00	37.5	36.57	34.5	37.29	33	36.21	36	35.36	37.5	36.71	38.5	36.86	34.44	33.41	
78	17		34.5	35.81	38.5	37.00	36.5	36.56	36.5	37.07	37.5	36.57	37	37.64	35.5	36.64	35	35.07	37.5	36.64	36.5	36.57	33.33	33.10	
79	18		37.2	35.89	39	35.93	37.3	36.40	37	37.36	37.5	36.29	37.5	37.57	37	36.43	36.5	35.07	37	36.29	37.0	36.79	35.00	32.30	
80	19		36.4	35.57	38.5	35.36	36.9	36.21	37.5	37.50	35.5	36.00	38	37.43	37	36.07	37.5	34.79	35.5	36.14	36.5	37.00	35.56	32.30	
81	20		36.2	35.59	37	34.29	36.6	35.99	38	37.00	34	36.00	37.5	37.36	37	35.79	36.5	34.43	36	36.29	37.5	37.21	35.00	32.70	
82	21		34.5	35.41	37	34.00	36.4	35.80	37.5	36.07	36.5	36.14	38	37.57	38	35.36	34	34.21	36.5	36.36	36.0	37.07	28.33	32.86	
83	22		35.4	35.70	36.5	33.36	36.1	35.61	36	35.29	37.5	36.36	38.5	37.79	36	34.50	32	34.21	37	36.21	36.0	37.07	32.22	33.81	
84	23		36.5	36.07	32.5	33.21	36.0	35.67	37	35.07	37.5	36.64	37	38.00	36	34.64	34	34.21	37	36.14	36.5	37.07	32.22	34.05	
85	24		35	36.36	31	33.64	35.4	35.73	38.5	34.71	35.5	36.93	36.5	38.14	34	34.79	35	33.86	35	36.07	38.0	37.07	27.78	34.21	
86	25		35	36.86	35	34.64	35.9	35.90	38	34.29	35.5	37.36	36.5	38.21	34.5	35.00	34.5	33.79	36	36.21	38.5	36.71	35.00	34.68	
87	26		36.5		31		35.4		34		35.5		37.5		35		35		36.5		38.0		38.33		
88	27		35		35		35.3		31.5		35		39		34		35		36.5		36.5		36.11		
89	28		36.5		32.5		35.1		32		38		39.5		32		34		35.5		36.0		35.00		
90	29		38		35.5		36.6		34.5		39.5		40		37		32		36.5		36.0		33.89		
91	30		38.5		35.5		36.4		34.5		39.5		38		37		31.5		36.5		36.5		33.33		
92	31		38.5		38		36.6		35.5		38.5		37		35.5		34.5		36		35.5		31.11		

Table I.10. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Khuzdar

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	39	39.51	35	32.94	37	36.50	35.5	39.07	39	37.93	36.6	37.74	37.5	39.19	35	39.36	38	39.00	33.5	36.17
2		2	37.8	39.66	33.1	32.51	34	36.71	37	39.79	41	37.79	36.5	38.00	37	39.70	37	40.29	37.5	38.71	34	36.83
3		3	39	39.69	35	32.93	34	36.86	39.5	40.29	40	37.36	37.6	38.21	39	40.27	39.5	40.50	36.5	38.50	35.5	37.47
4		4	39.5	39.26	32.5	33.21	36	36.71	40	40.21	39.5	37.10	38.0	38.19	39.5	40.61	40	40.29	38	38.43	37	37.90
5		5	41.5	38.33	31.5	33.71	39	36.71	40	39.93	36	37.03	38.7	38.05	40.7	40.73	41	40.00	40.5	38.29	38.5	37.69
6		6	41.8	37.40	31.5	34.73	38.5	36.14	40.5	39.71	35.3	37.53	38.7	37.85	40	40.63	41.5	39.57	41.5	37.86	37.5	37.04
7		7	38	36.64	32	35.59	37	35.71	41	39.21	34.7	38.16	38.1	37.59	40.6	40.64	41.5	38.97	41	37.43	37.2	35.97
8		8	40	36.29	32	35.87	38.5	35.29	40.5	38.79	38	38.99	38.4	37.39	41.1	40.51	41.5	38.33	36	37.09	38.1	35.37
9		9	38	35.07	36	36.59	35	34.79	40.5	38.36	38	38.99	37.9	37.15	41	40.27	38.5	37.90	36	37.37	38.5	35.00
10		10	36	34.71	37	36.87	33	34.79	39	38.21	38.2	38.94	37.5	37.10	41.4	40.09	38	37.97	36	37.66	38.5	34.64
11		11	33	34.86	36	37.33	36	35.14	38	38.50	39	38.77	37.0	37.26	40.3	39.89	38	38.11	37	38.30	35.5	34.43
12		12	35	35.14	38.6	37.93	35	35.21	38.5	38.71	39.5	38.13	37.3	37.43	40	39.70	38	38.26	37.5	38.94	34	34.86
13		13	36.5	34.50	37.5	39.01	35.5	35.50	37	38.71	39.7	37.70	36.9	37.53	40.1	39.43	37.3	37.90	38.5	39.44	30	35.57
14		14	35.5	34.07	34	40.11	34	35.86	38	39.07	40.5	37.20	36.7	37.74	39.7	39.10	37	37.90	38.6	39.80	33	36.57
15		15	31.5	34.14	37	40.26	35	36.57	37.5	39.21	38	36.70	36.7	37.91	39.4	38.99	38.5	38.19	38	40.07	35.5	37.07
16		16	35.5	34.93	38	39.83	35	37.14	39.5	39.57	37.7	36.77	37.6	38.15	39.7	39.29	39	38.40	38	40.29	36	37.11
17		17	37	35.14	40.2	39.26	35.5	37.57	41	39.57	37	37.03	38.6	38.24	40	39.50	39	38.54	40.5	40.29	37	37.26
18		18	35	35.14	40.2	38.66	36.5	37.71	39.5	39.57	34.5	37.34	38.2	38.28	39	39.84	39	38.50	41.5	40.00	38.5	37.76
19		19	30.5	35.71	46.2	38.06	37	37.64	38.5	39.79	36.5	37.99	38.0	38.37	38.1	40.13	35.5	38.07	41	39.64	39	38.26
20		20	33.5	36.86	45.2	36.81	38	37.93	39.5	40.29	36.2	38.41	38.4	38.59	37.8	40.44	37.3	38.57	41	39.29	37	38.69
21		21	36	37.50	35	35.93	39	37.79	39	40.71	37	38.89	37.9	38.67	38.9	40.47	39	38.89	40.5	38.71	36.5	39.11
22		22	37	37.71	34	36.79	39	37.93	40	41.43	38.5	39.34	38.4	38.94	41.5	40.06	40	39.03	39.5	38.29	35.8	39.90
23		23	37	37.93	34	37.50	38	37.79	39.5	42.14	39.5	39.49	38.2	39.15	41.2	39.84	40	39.03	38	38.21	37	40.43
24		24	37	37.93	36	38.21	36.5	38.00	41	42.93	39.2	39.70	38.9	39.37	42.4	39.60	38.7	39.05	38.5	38.36	40.5	40.51
25		25	39	37.71	36	38.36	36	37.93	41	43.29	39	39.60	38.8	39.37	41	39.31	36	39.28	39	38.57	42	40.30
26		26	38.5	37.00	37.5	38.64	39	38.00	42	43.64	39.5	39.53	39.6	39.39	40.3	39.53	39	39.35	38.5	38.79	42	40.01
27		27	38	36.64	39	38.86	37	37.21	42.5	43.64	39.5	39.24	38.9	39.27	38	39.83	39.5	39.18	37	39.00	40	39.81
28		28	37.5	36.81	41	38.57	40	36.07	44	43.43	40.2	39.03	39.8	39.19	36	40.34	40	39.11	37.5	39.43	42	39.96
29		29	38.5	36.89	39	38.29	38	35.07	45	42.14	39.5	38.39	39.8	38.88	40	40.69	40	38.96	39	39.64	39.5	39.84
30		30	37	36.74	39	38.64	39.5	34.79	45	40.79	41	38.03	39.8	38.58	39.5	40.60	40.15	38.61	39	38.93	37.6	40.06
31	July	1	35.5	36.10	37	38.71	36	34.79	43.5	39.71	38.5	37.76	38.9	38.08	40.4	40.74	40.3	36.80	40	38.67	39	39.47
32		2	34	36.31	38	39.00	36.5	35.57	43.5	38.71	38.5	38.14	38.9	37.93	42.5	40.76	36.5	35.40	40.5	38.53	40	38.90
33		3	36	36.60	39	39.14	33.5	35.64	42	37.86	37.5	38.50	38.8	37.73	42.4	40.40	37.8	35.04	40	38.24	40.6	38.19
34		4	39.2	36.79	37	39.50	29	36.21	41	37.29	38	38.93	38.4	37.64	41.6	39.99	39	34.50	40	37.89	41	37.67
35		5	38	36.76	39	39.64	33	37.64	35	36.86	35.7	39.36	37.6	37.59	38.4	39.57	39	33.79	39	37.60	41.2	37.10
36		6	37.5	37.11	41.5	39.49	36	38.00	35.5	37.64	37	39.97	37.7	37.70	39.4	39.57	37.5	33.43	34	37.60	41	36.50
37		7	32.5	37.47	39.5	39.13	39.5	37.79	37.5	38.00	39.1	39.97	36.3	37.72	40.5	39.44	27.5	33.29	37.2	38.39	33.5	36.00
38		8	37	38.54	39	39.13	41.5	37.07	36.5	37.64	41.2	39.27	37.8	37.82	40.5	39.33	30.5	34.43	39	38.64	35	36.29
39		9	36	38.91	39	39.27	37	36.29	37.5	37.86	41	38.67	37.6	37.80	40	39.23	34	35.14	38.5	38.21	35	36.57
40		10	37.3	39.13	41.5	39.56	37.5	36.49	38	38.14	40.5	38.07	38.1	37.85	39.5	39.16	34	35.46	37.5	37.86	37	36.79
41		11	39	38.69	38	39.49	39	36.70	38	38.57	41	37.53	38.1	37.84	38.7	39.31	34	35.67	38	37.93	37	36.71
42		12	40.5	38.29	37.9	40.87	35.5	36.49	40.5	38.86	40	36.90	38.4	37.85	38.4	39.59	36.5	35.10	39	37.93	37	36.64
43		13	40	37.71	39	41.03	34.5	36.63	38	38.93	37	36.40	37.8	37.57	38.5	39.56	36.5	33.46	39.5	37.57	37.5	36.86
44		14	40	37.36	39.5	40.81	34.5	37.06	35	39.00	34.2	36.40	37.0	37.47	39.7	39.70	35.5	33.00	39	36.93	35.5	37.00
45		15	39.6	37.24	40	39.96	36	37.56	38	39.36	37	36.80	37.7	37.49	39.8	39.81	35.5	32.93	36	36.36	37	37.43

46		16	37.5	37.09	41	38.67	38.4	37.91	39.5	39.29	36.8	36.66	37.9	37.36	39.5	39.91	36.2	32.79	36	36.26	36.5	37.64	
47		17	34.2	37.44	41	37.67	39	37.91	41	38.93	36.7	36.61	38.1	37.17	40.6	39.70	35.5	32.11	38	36.33	36.5	37.86	
48		18	36.2	38.06	47.7	36.30	37.5	37.83	40	37.79	36.6	36.66	38.1	36.90	40.6	39.26	30	31.76	38	36.21	36.5	38.21	
49		19	36.5	38.39	39	34.34	36.5	37.97	41	37.79	36.5	36.50	36.4	36.74	38.2	39.03	25	32.04	36.5	36.07	38.5	38.50	
50		20	37.5	38.77	37.5	33.91	37.5	38.33	38.5	37.79	37	36.57	37.1	36.93	39.5	39.07	33.3	33.04	35	36.29	38.5	38.57	
51		21	39.2	38.99	33.5	33.84	38	38.53	37.5	38.07	37	36.54	37.1	37.06	40.5	39.00	35	32.86	35	36.99	38.5	38.71	
52		22	38.5	38.96	31	34.20	38.5	38.50	37.5	38.36	36	36.64	36.7	37.13	40.5	38.79	34.5	32.43	35.3	37.70	38.5	38.64	
53	July	23	40	38.94	34	35.06	38.4	38.43	37	38.64	36.5	37.00	36.7	37.27	38	38.80	31.5	32.21	36.5	37.87	38	38.43	
54		24	38.5	38.96	31.4	35.49	38.4	38.23	33	38.86	37	37.29	36.1	37.36	37.5	39.09	33	31.93	37.2	38.01	39	38.36	
55		25	38.5	39.20	34	36.14	38.5	38.10	40	39.50	35.5	37.61	37.0	37.43	39	38.94	32	31.86	37	37.50	38.5	38.00	
56		26	39.2	39.34	36	36.57	39	37.96	41	39.21	37	38.25	37.7	37.50	38.5	38.66	32	32.07	38	37.43	39	38.00	
57		27	39	39.17	37	36.71	38.9	37.76	40.5	38.57	36.8	38.46	38.1	37.42	39	38.51	32	32.43	39.9	37.31	39.5	37.86	
58		28	39	39.17	36	36.71	37.8	37.73	39.5	37.00	37.7	38.49	37.7	37.18	39	38.33	32	32.86	40	36.83	38	37.50	
59		29	38.4	39.10	37	36.86	38	38.11	39.5	36.21	38.5	38.39	37.6	36.51	40.6	38.40	33	33.36	36.5	36.04	37	37.79	
60		30	40.1	39.23	37	36.79	37	38.40	38.5	35.29	38.5	37.68	37.3	36.00	40	38.21	29.5	33.21	37.5	36.19	37.5	38.00	
61		31	40.2	39.14	36	36.71	37.5	38.80	37.5	34.79	39.25	37.32	36.6	35.81	36.5	38.14	32.5	33.71	33.6	36.04	36.5	38.57	
62		August	1	39.5	38.97	37	37.00	37.5	39.16	38	35.07	40	37.03	37.5	35.51	37	38.64	33.5	33.79	36.5	36.74	38.5	39.14
63			2	38	38.90	37	37.14	37.6	39.09	36.5	35.29	38.5	36.70	37.2	35.30	37.5	38.93	34.5	33.86	37.2	36.89	38	39.14
64			3	39	38.61	37	36.71	38.7	39.14	29.5	35.64	37	36.73	36.4	34.41	37.7	39.14	35	34.00	36.5	36.93	37	37.64
65	4		38.5	38.54	37	36.71	40.5	38.97	34	37.07	37	37.19	33	33.86	39.5	39.54	35.5	34.24	34.5	37.07	40	37.07	
66	5		39.3	38.76	36.5	36.86	40	38.76	33	37.71	33.5	37.21	34	33.64	39.3	39.64	32	34.39	37.5	37.64	38.5	36.21	
67	6		39.5	38.73	36.5	37.07	39.8	38.69	35	38.64	36	37.03	36	33.36	39.5	39.96	33	35.17	36.5	37.50	41.5	35.86	
68	7		39	38.66	38	37.29	40	38.64	39.5	39.10	37.2	36.39	34.5	33.43	40	40.10	33	35.81	38.5	37.57	40.5	35.36	
69	8		39	38.73	38	37.30	37	38.50	39.5	38.96	37.7	35.64	36	33.36	39	39.79	34	36.44	37.5	37.57	38.5	34.86	
70	9		36	38.74	34	37.31	38	38.71	39	38.74	38.7	35.40	31	33.21	39	39.29	35.5	36.80	37.5	37.50	27.5	34.79	
71	10		38.5	39.10	37	37.89	37.5	38.79	39.5	38.60	40.2	35.44	32.5	33.71	40.5	38.69	36.7	37.01	37.5	37.57	33	36.43	
72	11		40	38.17	38	37.89	39	38.71	38.5	38.17	37.2	35.20	31.5	34.21	40.2	38.10	36.5	36.94	38.5	37.43	34	36.86	
73	12		39.1	37.63	38	38.17	39.5	38.61	39.5	38.10	32.2	35.27	32	35.07	41.5	37.76	37.5	37.16	36.5	36.79	36	37.00	
74	13		39	37.34	38	38.46	39.5	38.76	38.2	37.89	31.5	36.13	36.5	35.93	40.5	37.33	37.5	37.33	37	36.79	38	37.21	
75	14		39.5	37.09	38.1	38.74	39	38.93	38.5	37.86	32	36.59	34	36.07	37.8	36.83	37.4	37.49	38.5	36.64	37	37.21	
76	15		39.1	36.61	38.1	39.01	38.5	38.71	38	37.93	36	37.34	35	36.57	35.5	37.00	36.5	37.50	37	36.43	38	37.29	
77	16		38.5	36.20	38	39.00	38.5	38.29	38	38.07	39	37.51	34.5	36.93	34.8	37.43	37	37.10	38	36.50	39	37.00	
78	17		32	35.87	37	39.00	37	37.71	36.5	38.07	38.5	37.19	36	37.36	36.4	37.74	36.2	36.74	36.5	36.43	36	36.79	
79	18		36.2	36.31	40	38.86	38.3	37.43	38	38.29	37.7	36.90	37.5	37.50	37.8	37.60	38	36.71	34	36.64	35	36.93	
80	19		37.1	36.29	40	38.00	40.5	36.96	38	38.50	38.2	36.87	38	37.43	38.5	37.34	38.7	36.36	36.5	37.21	37.5	37.21	
81	20		37.2	35.84	40	37.14	40.7	36.74	38	38.64	34.7	36.49	37.5	37.36	37	36.84	38.6	35.83	36	37.36	38	37.29	
82	21		36.2	35.53	40	36.57	37.5	36.21	39	38.50	37.3	36.60	37.5	37.57	39	36.56	37.5	35.53	37	37.57	37.5	37.21	
83	22		36.2	35.51	38	36.00	35.5	35.93	39	37.93	37.2	36.44	37.5	37.86	38.5	35.84	33.7	35.17	37.5	37.29	36	37.14	
84	23		36.2	35.40	38	35.71	34.5	36.29	38	37.36	36.7	36.63	37.5	38.36	37	35.29	34.5	35.39	37.5	37.14	37.5	37.14	
85	24		35.1	35.51	36	35.29	35	36.86	38	37.07	36.5	37.19	37	38.86	35.4	35.21	36	35.39	38	37.00	37	36.79	
86	25		36	35.93	34	35.29	35	37.21	39.5	36.93	37.5	37.43	37	39.43	36	35.30	35.5	35.31	38	36.71	37	36.64	
87	26		34		34		39		39		35.5		37.5		35		35		37.5			38	
88	27		35		36		37		37		35.5		39		35		36.5		37.5			37.5	
89	28		36.1		36		35.5		35		36.2		39.5		34		35		35		37		
90	29		35.4		36		38		35		38.5		41		34.6		35.2		36.5		36		
91	30		37		35		38.5		36		40.6		41		36.5		34.5		36.5		35		
92	31		38		36		37.5		37		38.2		41		36		35.5		36		36		

Table I.11. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Multan

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	41.0	45.0	34.8	37.5	44.7	42.6	36.0	39.2	40.5	42.0	44.0	40.7	41.0	42.7	45.7	46.3	42.0	43.7	39.5	42.8
2		2	46.0	45.6	37.5	38.3	42.0	42.1	40.0	40.0	42.5	42.2	43.7	40.2	42.5	43.0	45.8	46.4	43.5	43.2	41.0	43.0
3		3	46.6	45.3	39.5	38.7	43.4	42.0	42.0	40.5	44.1	42.1	42.5	40.0	44.0	43.1	45.8	46.7	43.5	42.7	42.5	43.1
4		4	48.7	44.8	39.0	38.7	39.2	41.3	38.8	40.8	40.5	41.3	39.7	40.1	41.5	43.2	48.5	45.8	45.2	41.8	43.8	43.3
5		5	48.0	43.9	33.8	38.8	42.0	41.1	39.2	41.2	41.0	41.1	40.3	40.3	43.5	43.6	46.0	45.1	45.5	41.1	45.0	42.4
6		6	41.5	43.3	37.9	39.8	44.7	40.8	37.7	41.9	41.0	41.2	34.5	41.2	43.5	44.0	46.4	44.9	44.0	40.8	45.5	41.9
7		7	43.0	43.8	40.0	40.4	42.3	38.9	40.5	42.3	44.2	41.6	40.0	42.4	43.0	44.0	46.2	44.2	42.4	40.4	42.0	41.3
8		8	45.5	42.8	40.4	40.1	41.3	38.0	42.0	42.9	42.2	41.3	40.8	43.0	43.0	44.0	46.3	44.1	38.2	40.4	41.4	40.3
9		9	44.0	41.5	40.2	40.4	41.2	37.6	43.0	43.0	41.5	41.5	42.0	42.9	43.5	44.2	47.5	44.0	39.8	41.4	41.7	40.4
10		10	43.0	41.0	39.3	40.9	38.1	37.7	44.2	43.3	38.7	41.8	43.6	41.5	44.2	44.1	39.8	43.7	37.5	42.0	43.5	40.7
11		11	42.5	39.8	39.7	41.7	37.8	38.4	42.0	43.1	39.2	43.0	41.2	40.5	44.3	43.8	43.7	44.5	40.2	42.6	37.8	40.9
12		12	43.5	38.7	41.2	42.2	40.5	39.2	44.2	43.3	41.6	43.9	46.0	39.4	46.2	43.0	44.2	44.6	43.2	43.0	41.5	41.9
13		13	45.0	37.5	42.0	42.3	31.2	39.4	40.0	43.2	43.5	44.3	43.0	38.4	43.5	41.9	42.0	43.9	41.5	42.7	41.1	42.3
14		14	36.0	35.5	38.0	42.2	36.1	41.3	45.0	44.0	42.5	44.4	44.7	38.3	43.4	41.5	45.0	43.5	42.7	42.6	35.3	42.8
15		15	36.3	34.3	42.3	42.3	38.5	43.0	42.6	43.2	43.2	44.7	39.5	37.9	44.0	41.4	45.8	42.9	45.1	42.2	42.0	44.3
16		16	41.0	33.2	44.0	42.0	41.5	43.9	45.0	42.8	43.8	44.9	32.6	38.1	43.0	41.5	45.3	42.5	44.0	41.6	43.5	44.6
17		17	34.5	32.9	45.0	41.7	43.3	44.2	43.0	42.5	47.0	44.9	36.7	39.1	42.0	41.6	45.6	42.1	41.3	40.7	45.2	44.9
18		18	34.5	33.7	43.0	41.5	43.3	44.1	43.0	42.4	45.5	43.9	33.0	38.6	39.0	42.0	44.2	41.3	43.5	40.3	44.5	45.0
19		19	35.0	34.6	41.5	41.4	41.7	44.1	43.5	42.1	44.6	43.2	39.0	39.1	38.3	42.6	39.5	41.0	40.6	39.2	44.5	45.1
20		20	31.0	35.4	41.5	41.8	45.0	44.4	46.0	41.8	44.2	42.8	42.5	39.2	40.5	42.8	39.2	41.4	41.2	38.9	44.7	45.1
21		21	28.0	36.7	38.8	42.4	47.6	44.5	39.0	41.3	44.3	42.3	42.0	39.0	43.0	42.8	40.8	41.8	40.0	38.2	45.6	44.9
22		22	28.5	38.5	40.2	42.5	45.2	44.2	40.0	41.7	45.0	41.6	41.2	38.6	44.5	42.8	42.8	41.8	40.6	37.6	44.5	44.4
23		23	38.5	40.3	41.8	42.0	43.6	44.4	43.0	41.9	44.0	40.6	39.5	38.5	44.2	42.7	42.3	41.4	37.7	37.4	45.5	44.2
24		24	40.3	40.3	43.5	40.7	42.3	44.3	42.0	41.4	39.5	40.3	33.2	38.8	44.2	42.6	40.3	41.0	38.4	37.9	46.0	43.3
25		25	41.0	39.0	42.7	39.9	43.0	44.0	40.9	41.1	41.0	40.7	36.6	39.8	43.5	42.2	41.8	40.9	36.1	38.4	45.0	42.5
26		26	40.5	38.5	44.1	39.4	44.2	43.6	42.0	41.0	41.5	40.3	39.5	40.2	39.4	41.9	42.3	40.9	38.0	39.0	44.6	41.7
27		27	40.0	38.5	45.8	38.8	45.7	43.0	42.1	40.6	41.0	39.9	41.2	40.4	41.0	42.2	42.0	41.0	36.5	39.4	43.0	40.8
28		28	40.5	38.8	39.7	37.9	45.7	42.1	42.0	40.0	39.0	39.9	38.7	40.5	42.6	42.1	41.0	41.4	35.8	40.1	42.1	39.7
29		29	41.3	38.8	36.2	38.1	46.0	41.4	41.0	39.6	38.0	39.5	40.6	40.6	43.7	41.7	40.0	42.0	39.5	41.1	43.0	38.6
30		30	38.5	38.1	33.2	38.8	43.3	40.6	39.5	39.7	41.8	39.9	41.5	40.6	44.1	41.2	39.9	42.2	41.2	41.5	39.5	37.6
31	July	1	31.5	38.0	37.8	40.0	40.0	40.1	40.0	39.8	42.3	39.9	40.5	40.6	41.0	40.6	39.4	41.5	42.0	41.6	40.2	37.0
32		2	37.0	39.3	39.0	40.5	40.0	40.3	40.1	39.9	38.6	39.8	39.2	40.7	41.5	40.3	41.7	40.5	40.3	41.3	39.5	36.4
33		3	41.0	39.3	40.0	40.6	40.0	40.4	39.5	40.2	38.5	40.0	41.2	41.1	41.4	39.8	43.3	40.1	40.6	41.0	38.1	35.9
34		4	41.5	39.5	39.7	40.5	40.0	40.5	38.0	40.9	41.2	40.3	42.0	41.0	40.5	39.5	44.8	39.4	41.4	40.3	35.3	35.8
35		5	40.5	39.8	41.0	39.9	40.3	40.6	39.3	41.4	36.3	40.1	39.0	41.0	40.0	39.4	45.0	38.2	42.5	39.9	34.5	36.6
36		6	37.0	39.8	41.0	39.7	40.3	40.1	41.2	41.4	40.5	40.6	41.0	41.5	40.0	39.4	41.4	37.1	42.5	39.4	36.2	37.3
37		7	37.5	40.1	41.6	39.7	40.2	40.0	40.5	40.5	42.0	40.2	41.0	40.4	39.5	39.6	34.9	36.8	42.0	38.8	35.0	37.5
38		8	40.5	40.5	41.0	39.3	41.0	39.9	41.0	40.2	41.5	39.1	41.3	39.5	39.2	39.7	32.6	36.8	40.0	38.3	36.1	37.8
39		9	37.0	40.1	40.2	39.0	41.0	39.7	42.2	40.1	40.3	38.6	42.5	38.7	38.0	39.8	39.0	37.9	38.3	38.0	36.0	38.2
40		10	42.5	39.8	39.0	38.8	41.0	39.4	44.4	40.0	40.0	37.9	40.5	38.1	39.5	40.1	38.2	38.2	35.5	38.2	37.7	38.7
41		11	43.5	39.0	35.5	39.1	40.4	38.9	41.2	39.9	39.9	37.9	42.0	37.6	39.5	40.3	36.5	38.2	38.2	38.9	40.8	39.0
42		12	40.3	38.4	39.8	39.9	36.5	38.7	39.2	40.3	40.2	37.6	42.2	36.3	40.2	40.4	37.0	38.2	39.3	39.2	39.5	38.9
43		13	39.5	38.8	40.5	40.1	40.2	39.0	35.0	40.9	37.2	37.4	33.2	35.6	41.2	40.5	39.2	38.2	38.5	39.0	37.1	38.6
44		14	40.0	39.2	39.0	39.6	39.5	38.9	38.3	41.4	34.5	37.6	34.5	36.5	40.0	40.5	35.2	38.1	38.3	39.0	37.3	38.8
45		15	38.0	39.4	38.8	39.3	39.5	38.8	40.4	40.6	38.0	38.4	36.0	37.2	40.2	40.6	40.2	38.6	38.0	38.8	39.0	38.9

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	34.5	39.9	39.3	38.7	39.0	38.8	41.5	39.9	35.3	38.4	38.3	37.2	40.2	40.1	40.8	38.1	39.5	38.6	39.8	38.7	
47		17	37.0	40.9	40.5	38.4	37.5	38.9	43.5	39.0	40.0	38.3	37.3	37.1	41.0	39.4	38.2	37.1	40.3	38.3	39.6	38.5	
48		18	39.5	41.4	41.5	38.1	38.6	39.0	44.5	38.4	38.1	37.5	32.6	37.4	40.2	38.8	36.5	37.1	40.4	38.2	40.1	38.3	
49		19	43.0	41.1	41.0	37.7	38.8	39.0	43.4	37.8	38.6	37.4	37.2	38.5	40.7	38.3	37.3	37.4	38.0	38.3	37.3	37.9	
50		20	42.5	40.4	37.0	37.2	39.1	39.0	38.0	37.1	39.0	37.2	39.7	37.7	41.5	37.9	38.2	37.7	38.5	38.8	38.2	38.4	
51		21	41.5	40.1	36.8	37.6	39.0	39.1	33.0	37.1	40.0	36.9	39.2	37.2	40.5	37.3	38.9	37.7	37.2	39.1	38.3	38.9	
52		22	41.5	40.1	35.0	38.3	39.5	39.2	35.3	37.9	37.5	36.6	36.3	36.7	36.5	36.9	37.0	37.7	36.5	39.4	37.7	39.1	
53		23	41.5	39.9	36.8	38.9	39.5	39.3	35.5	38.5	35.2	36.7	37.6	36.7	35.7	37.2	33.5	38.0	37.2	39.9	38.4	39.2	
54		24	40.5	39.6	38.5	38.4	38.8	39.5	39.3	39.0	34.3	37.4	39.5	36.1	36.4	37.6	38.3	38.6	39.5	40.2	38.0	39.4	
55		25	37.0	39.1	38.5	38.0	38.5	40.0	40.4	38.5	37.2	38.1	40.0	35.2	36.5	38.0	38.5	38.4	41.5	40.4	37.7	39.6	
56		26	38.5	39.1	38.0	37.7	38.7	40.5	38.5	37.6	37.2	38.1	31.5	34.8	38.0	38.7	39.5	38.2	41.2	39.9	40.2	39.6	
57		27	40.0	38.6	39.5	37.1	40.0	40.8	37.7	36.9	37.2	37.9	36.0	35.6	37.5	39.2	38.5	37.8	40.8	39.4	42.0	39.7	
58		28	41.5	38.2	41.8	36.7	39.5	41.2	38.5	36.7	37.8	37.7	36.1	35.7	38.0	39.8	38.5	37.6	39.3	38.5	40.0	39.4	
59		29	40.0	37.4	39.5	35.8	40.0	41.2	39.5	36.3	38.2	37.3	36.3	35.8	38.3	40.3	39.5	37.5	40.0	37.7	38.1	39.5	
60		30	39.5	36.9	33.3	35.5	41.3	40.8	39.0	36.1	40.2	37.0	33.3	36.2	38.2	40.6	37.5	37.1	39.4	37.1	40.0	40.1	
61		31	37.0	36.8	35.5	36.0	41.8	40.4	35.7	36.0	38.8	36.6	33.4	37.0	39.5	40.9	36.8	37.4	40.5	37.0	39.5	40.2	
62		August	1	37.3	36.8	36.2	36.4	42.0	39.9	34.5	36.3	37.2	36.4	37.1	37.7	41.5	41.1	37.0	37.8	38.0	36.9	37.6	39.6
63			2	35.0	36.7	34.2	36.9	41.2	39.8	33.5	36.6	36.1	36.4	37.3	37.7	41.2	41.1	36.8	38.3	37.8	37.2	40.5	39.3
64			3	37.2	36.9	36.6	37.2	42.7	39.7	36.0	37.2	35.5	36.7	36.6	37.8	41.8	41.1	37.2	38.7	34.8	37.4	40.0	38.5
65			4	35.5	36.8	35.5	37.4	39.7	39.5	36.0	37.6	35.0	37.0	36.6	38.0	41.7	40.9	38.0	39.1	33.5	37.1	41.0	38.0
66			5	36.7	36.8	37.0	37.6	37.2	39.9	38.0	38.1	36.2	37.2	39.2	37.9	40.5	40.7	36.5	38.9	35.5	37.6	41.8	37.5
67			6	38.6	37.0	36.8	37.7	38.5	40.7	38.5	38.1	37.2	37.2	38.5	37.5	40.2	40.2	39.2	39.0	38.7	38.0	41.0	36.8
68			7	37.0	36.9	38.5	37.6	38.1	40.8	37.5	37.8	37.5	37.3	38.3	37.3	40.5	39.5	39.7	38.8	40.3	37.7	35.2	36.3
69			8	37.0	37.0	39.5	37.2	41.3	40.5	37.0	37.4	37.2	37.6	37.5	37.1	41.8	38.9	40.5	38.6	40.0	37.4	35.5	36.7
70			9	36.3	37.0	36.7	36.7	40.5	39.9	37.1	37.3	38.1	37.8	38.0	37.0	41.3	38.1	40.0	38.3	39.0	37.3	34.8	37.0
71			10	36.5	36.9	38.0	36.9	41.5	39.6	38.8	37.2	37.5	37.9	37.8	36.8	40.5	37.8	39.5	38.2	33.0	37.4	37.0	37.5
72			11	35.8	37.2	37.0	36.9	42.5	39.2	39.5	36.9	36.7	37.7	36.2	36.8	40.1	37.5	37.2	38.3	36.5	38.3	37.0	37.5
73			12	37.8	37.4	37.5	37.0	42.6	38.7	38.0	36.8	36.3	37.6	36.5	37.0	37.2	37.2	37.2	38.4	38.2	38.5	37.1	37.7
74			13	38.0	37.4	35.7	37.1	39.2	38.0	36.7	36.8	37.5	37.7	36.5	37.1	35.2	37.2	37.5	38.4	37.0	38.0	37.3	37.7
75			14	37.3	37.1	36.0	37.5	36.0	37.8	34.6	37.0	39.7	38.2	37.5	37.0	36.5	37.8	38.2	38.2	38.2	37.7	38.5	37.8
76			15	37.0	37.1	35.8	38.2	37.0	38.1	36.2	37.3	39.1	38.2	36.5	36.9	35.8	37.9	38.5	38.0	39.2	37.3	37.5	37.5
77	16		36.0	37.2	38.0	39.1	38.3	38.2	36.5	37.3	38.3	38.3	36.5	36.9	39.5	38.0	39.2	37.6	40.0	37.1	38.0	37.6	
78	17		38.7	37.2	38.3	38.6	38.6	38.2	37.0	37.2	36.2	38.2	38.0	36.9	38.5	37.5	40.0	37.4	39.0	36.8	37.2	37.4	
79	18		37.3	36.7	37.7	38.2	39.1	38.6	38.3	37.1	36.2	38.6	37.5	36.6	38.0	37.5	38.5	37.2	38.0	36.4	38.4	37.4	
80	19		37.7	36.5	38.0	38.0	37.7	38.9	38.5	37.0	37.1	39.1	37.2	36.5	37.2	38.0	37.2	37.2	34.4	36.2	37.3	37.2	
81	20		35.5	36.5	39.0	37.9	38.2	39.4	38.0	36.6	40.5	39.5	36.0	36.4	39.0	38.2	35.5	37.4	35.2	36.1	37.8	36.9	
82	21		37.7	37.0	40.4	36.7	37.8	39.2	36.5	36.1	39.7	39.5	36.5	36.4	37.3	38.1	37.2	37.6	35.3	36.3	36.5	36.8	
83	22		37.2	37.0	42.2	36.1	37.4	39.1	36.2	36.1	40.0	39.8	36.7	36.3	36.3	38.2	35.3	37.5	38.0	36.2	37.8	36.5	
84	23		36.2	37.4	34.5	35.1	38.7	39.3	36.2	36.2	37.4	39.8	36.3	36.3	36.5	38.2	38.0	37.5	37.5	36.3	37.0	36.3	
85	24		35.0	38.1	35.5	35.6	41.5	39.4	36.3	36.3	39.5	39.7	36.2	36.1	38.2	38.3	39.0	37.0	36.2	36.2	37.2	36.3	
86	25		36.2	38.8	36.2	36.0	41.0	38.8	37.4	36.4	39.3	39.2	36.5	35.9	41.2	38.4	38.5	36.6	36.7	36.2	36.5	36.4	
87	26		37.7		37.2		41.5		35.7		40.2		36.4		39.0		38.2		34.0			35.3	
88	27		39.0		31.0		36.3		34.5		40.5		36.0		38.5		37.1		36.2			37.0	
89	28		38.0		36.0		37.5		36.5		42.0		36.3		37.5		36.2		35.0			35.0	
90	29		39.5		35.6		38.5		37.0		39.7		36.2		36.5		35.4		38.2			36.0	
91	30		41.0		37.5		39.3		36.7		37.0		34.8		37.0		34.5		37.2			37.0	
92	31		40.0		38.5		37.7		37.2		35.7		35.2		39.4		36.0		36.2			38.0	

Table I.12. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Peshawar

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-Day Avg	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	2006
1	June	1	41.5	42.79	33	34.93	37.5	39.43	42	40.43	38	38.50	42	41.36	39	39.57	39	43.50	37.5	40.93	34	39.43	36.67
2		2	43.5	42.86	34	35.43	40	39.64	39.5	40.86	41	38.93	46	40.93	38.5	40.36	42	44.79	37	40.86	37	40.29	38.89
3		3	47	42.71	35.5	35.93	38.5	39.86	43	41.64	39	38.29	46	39.93	38	41.21	41.5	45.00	40	40.93	38.5	40.36	37.78
4		4	41	41.71	36.5	36.00	42.5	40.14	38	41.93	33	37.86	42	39.29	37.5	41.79	44	44.43	41.5	40.36	41	40.50	35.00
5		5	45	41.43	31	36.14	41.5	40.14	38.5	42.36	39.5	38.43	39.5	38.71	39.5	42.50	45.5	43.64	44	39.79	43	39.79	35.00
6		6	41	40.93	37	37.29	39	39.36	40	42.86	38	38.36	36	38.93	41.5	42.93	46	42.57	44.5	39.00	43	38.93	36.67
7		7	40.5	40.93	37.5	37.71	37	38.21	42	42.86	41	39.00	38	39.93	43	42.64	46.5	41.36	42	38.07	39.5	38.00	36.67
8		8	42	40.71	36.5	37.36	39	37.86	45	43.07	41	39.14	39	39.79	44.5	42.29	48	40.71	37	37.79	40	37.71	37.78
9		9	42.5	39.93	37.5	37.86	41.5	37.64	45	42.79	36.5	39.21	39	39.93	44.5	41.64	43.5	39.86	37.5	38.29	37.5	37.79	40.00
10		10	40	38.43	36	38.64	40.5	37.36	45	43.43	36	39.86	41.5	39.00	42	41.00	37.5	39.93	36	37.86	39.5	38.36	40.00
11		11	39	37.21	37.5	39.57	42.5	37.57	41	43.79	37	40.93	38	37.71	42.5	39.93	38.5	40.79	37.5	38.36	36	38.71	40.00
12		12	41.5	36.50	39	40.64	36	37.43	42	44.64	39	41.50	41	36.71	42.5	38.93	38	41.07	38.5	38.64	37	39.79	38.89
13		13	41	35.86	40	41.64	31	38.14	40	44.71	42.5	41.14	43	36.00	39.5	38.14	37.5	41.07	38	38.43	36.5	40.57	37.78
14		14	39	35.29	35	42.00	34.5	40.07	43.5	44.79	42	40.86	37	35.50	40.5	37.71	42	41.50	40	38.57	37.5	41.36	37.78
15		15	36.5	35.21	40	42.50	37.5	41.79	43	43.43	41.5	39.93	40	36.07	40	37.71	42	41.21	40.5	38.36	40.5	42.29	38.89
16		16	32	35.79	43	42.00	39.5	42.86	49.5	42.00	41	39.71	32.5	36.14	40	37.79	44	40.57	34.5	38.00	41.5	42.93	36.67
17		17	31.5	37.07	42.5	41.79	42	43.00	47.5	40.93	43.5	39.93	32.5	36.64	34.5	38.43	43.5	39.86	39.5	38.14	42	43.29	35.00
18		18	34	38.57	45	41.71	41.5	42.71	47	40.29	41	39.29	31	37.57	35.5	39.07	40.5	39.21	39.5	37.86	43.5	44.00	36.67
19		19	37	39.57	46	41.29	41	42.64	42.5	38.29	36.5	39.00	36	38.29	37	38.57	38	39.29	37	37.50	42.5	44.14	36.67
20		20	37	40.21	42.5	40.64	44.5	43.21	40.5	38.43	40.5	39.64	39.5	38.86	36.5	38.50	40.5	39.64	39	37.36	42	44.29	36.67
21		21	38.5	40.50	38.5	40.64	46.5	43.29	34	39.00	35.5	39.93	41	38.93	40.5	38.57	40	39.50	38.5	37.29	44	44.71	40.00
22		22	40.5	40.64	36.5	40.43	45	42.93	33	40.57	40	40.71	40.5	38.64	40.5	38.57	37.5	39.14	38	37.00	45	44.50	40.00
23		23	41	40.71	41.5	40.64	40.5	42.43	42	42.14	42.5	40.79	36	39.00	44.5	38.21	39	39.14	35.5	37.00	44	43.93	40.56
24		24	42	39.57	42	39.86	40	42.29	43	42.14	39	40.14	39	40.14	39	37.21	39	39.21	37.5	37.64	47	42.64	41.67
25		25	41	38.71	42	39.07	41	42.36	33	42.00	39	39.93	36	40.71	32	37.71	41	38.43	37	38.07	44.5	41.21	40.00
26		26	41.5	38.29	41.5	38.64	45	42.14	43.5	43.36	41	39.50	40	40.07	36.5	39.36	40.5	37.93	36	38.50	43.5	39.71	37.78
27		27	39	37.93	42.5	38.57	45	40.64	44.5	43.36	42.5	38.64	40	39.86	37	40.71	39.5	37.86	38.5	38.93	45	38.43	35.56
28		28	39.5	38.36	37	38.29	44	40.00	45	42.71	41	38.00	39	39.14	40.5	42.29	37.5	37.93	36.5	39.21	42.5	37.14	37.78
29		29	41	38.29	38	38.93	41.5	39.14	44	41.71	40.5	37.43	43	38.71	38	42.57	37.5	38.71	38	39.43	41	36.36	36.67
30		30	33	38.00	36	39.79	39.5	38.79	42	41.00	38	37.50	44	38.21	37.5	42.86	39.5	38.57	40	39.50	35	35.64	36.67
31	31	36	38.07	36.5	40.79	40.5	38.57	42	40.29	37.5	38.00	43	37.50	42.5	42.79	33.5	38.14	40.5	39.21	37	35.71	36.67	
32	32	38	38.86	39	41.64	39.5	38.50	42.5	40.00	36	38.64	31.5	37.21	43.5	41.86	37.5	38.29	40	39.43	34	35.57	38.89	
33	33	39	39.43	41	42.07	34.5	38.86	43.5	39.93	35	39.14	38.5	38.07	46	41.36	40	38.43	39	39.36	34.5	35.93	35.00	
34	34	42	39.71	40.5	42.14	40.5	39.71	40	40.07	38	39.43	35	38.14	48	40.50	40	37.64	40.5	38.93	36	36.57	38.89	
35	35	39	39.79	41.5	42.00	38	39.86	38	40.36	37	39.57	36	38.57	42.5	39.07	43	36.64	38	38.64	37	37.14	40.00	
36	36	39	40.36	44	41.50	39	39.57	39	40.07	41	39.36	39.5	38.29	40	39.00	36.5	35.64	38.5	38.93	36	37.14	38.89	
37	37	33.5	40.50	43	40.86	38	38.29	37	39.57	41.5	38.43	39	37.71	37	39.07	36.5	35.43	38	38.71	35.5	37.21	41.67	
38	38	41.5	40.00	42.5	40.50	40	37.29	40	39.86	42	37.29	41	37.07	36	39.64	34.5	34.93	42	38.57	36	36.93	42.78	
39	39	42	39.07	42	39.93	42	36.79	42	39.86	39.5	36.86	37.5	36.71	40	40.71	38.5	35.14	39.5	37.57	36.5	37.00	41.67	
40	40	41	37.14	41.5	39.50	40.5	36.14	44.5	39.93	37	36.50	39	36.64	40	40.64	34.5	35.14	36	37.14	39	36.93	35.56	
41	41	42.5	36.79	39.5	39.14	41.5	35.29	42	39.64	39	35.93	38	36.19	38	40.79	33	34.93	38.5	37.07	40	36.29	35.56	
42	42	43	36.29	38	39.14	36	34.71	36	38.00	35.5	35.14	34	35.26	42	41.07	36	35.64	40	36.64	41	35.57	31.67	
43	43	40	36.14	39.5	39.64	30	35.00	35.5	37.64	34.5	35.50	35.5	35.90	40.5	39.36	35	35.71	37	36.21	32.5	34.93	31.67	
44	44	30	36.57	40.5	39.29	31	36.00	39	37.71	33.5	36.14	34.5	36.26	41	39.07	33	36.14	37	36.57	33.5	35.71	33.89	
45	45	35	37.79	38.5	38.21	36.5	36.64	40	37.43	39	36.64	38.5	37.19	43.5	39.14	36	37.00	35	36.57	36.5	36.29	36.67	
46	46	28.5	38.43	39	37.50	37.5	37.00	42.5	37.00	37	36.21	37	37.40	39.5	38.79	38.5	36.50	36.5	36.86	36	36.43	37.78	

S. No	Month	Day	1996	7-Day Avg	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	2006	
47	July	17	38.5	40.07	39	36.93	34.5	37.00	42.5	36.64	33	35.64	35.8	37.47	41	38.50	33	36.00	35.5	37.07	34.5	36.36	37.78	
48		18	39	39.86	39.5	36.71	37.5	37.50	30.5	36.43	33.5	35.50	31.5	36.86	40	38.00	38	36.79	35.5	37.57	35	36.57	38.89	
49		19	42	40.29	41.5	36.57	38	37.71	33.5	37.50	38	35.79	38.5	36.21	30	37.50	36.5	36.36	37	38.29	36.5	36.93	36.67	
50		20	43	39.93	37	36.14	37	38.00	36	38.64	39	35.57	38	35.43	38.5	38.64	38	36.50	39.5	38.71	38	37.21	35.00	
51		21	38.5	39.64	33	36.36	35.5	38.36	37	39.71	37	35.36	41	35.29	41.5	38.64	39	36.21	37	38.79	37.5	37.43	36.67	
52		22	39.5	40.07	33.5	36.11	39	38.86	37	40.64	36	35.71	40	34.86	41	38.14	32.5	35.73	37	39.29	37.5	36.93	38.89	
53		23	40	40.36	35	35.64	37.5	39.07	40	41.43	33	36.21	37.5	33.86	37.5	37.64	35	35.94	38	39.07	35.5	37.00	37.78	
54		24	37	39.14	37.5	35.07	38	39.36	41	40.43	32	36.71	31.5	33.07	37.5	37.71	38.5	36.44	39	39.14	36	36.79	31.67	
55		25	42	38.86	38.5	34.86	39	39.21	38	39.57	35.5	37.14	27	33.36	36.5	37.50	35	36.09	40.5	38.57	37.5	36.79	30.00	
56		26	39.5	38.29	38.5	34.71	40	38.43	41.5	39.29	36.5	37.07	33	34.79	38	37.93	37.5	36.59	40	37.64	38.5	36.93	31.67	
57		27	41	37.21	38.5	34.57	39.5	38.29	43.5	37.64	37.5	36.21	37	35.36	38.5	38.14	36	36.09	40	36.43	39.5	36.86	28.89	
58		28	41.5	36.14	31.3	34.43	39	38.43	43.5	36.93	39.5	35.71	38	35.36	38	38.21	35.6	35.30	40.5	35.71	34	36.86	31.67	
59		29	41.5	35.57	30.2	35.46	40.5	38.21	42.5	36.29	39.5	35.07	33	35.50	37.5	38.50	34	34.43	35.5	34.86	38	37.79	32.78	
60		30	31.5	34.43	31	36.64	39.5	37.86	33	35.57	36.5	34.50	32	35.57	38	38.71	38.5	34.00	38.5	35.36	34	37.79	35.56	
61		31	35	35.64	36	37.79	37	37.71	35	36.79	35	34.71	33.5	36.29	36	38.64	36	33.43	35	35.36	36	38.07	37.78	
62		August	1	38	35.07	37.5	38.36	33.5	37.86	36	37.29	35	35.07	37	36.36	39.5	38.93	38.5	33.79	34	36.00	38.5	38.21	35.00
63			2	32	34.86	37.5	38.64	39	38.57	30	37.07	30.5	35.07	37	35.93	39.5	38.21	34	33.43	31.5	36.07	38	37.64	31.67
64			3	33.5	35.57	37.5	38.14	40.5	38.64	38.5	38.07	34	36.00	37	35.64	39	37.00	30.5	33.36	35	36.50	39.5	36.57	30.00
65			4	37.5	36.21	38.5	38.21	37.5	38.64	39	37.57	35	36.50	39	35.36	40	35.86	29.5	33.79	34.5	36.36	40.5	36.00	26.67
66			5	33.5	36.43	38.5	38.21	38	38.71	37.5	36.93	35.5	36.36	33.5	34.93	39	35.29	31	34.64	39	36.43	38	35.50	25.56
67			6	40	36.79	39	36.86	38.5	38.86	41.5	37.07	38	35.79	37	35.57	37.5	35.14	34.5	35.14	38.5	35.64	36	35.36	30.00
68	7		31	35.86	40	36.07	38	38.57	38.5	36.57	37.5	35.43	34	35.79	38	34.43	38.5	35.29	39.5	35.36	37	35.71	31.67	
69	8		36.5	36.86	39.5	35.50	38.5	38.36	34.5	35.93	35	35.36	34	36.29	34.5	33.36	36	34.86	34.5	35.07	34.5	35.57	30.00	
70	9		37	36.50	34	35.14	39.5	37.79	37	36.07	37	35.86	35	35.86	31	32.29	33.5	35.00	34.5	35.64	30.5	36.00	35.00	
71	10		38	35.71	38	36.00	40.5	36.93	35	36.47	37.5	35.71	35	34.79	31	32.57	33.5	35.43	34	36.07	35.5	37.14	35.56	
72	11		39	35.00	38.5	36.21	38	36.36	34.5	36.83	34	35.50	36	34.79	36	33.21	35.5	35.79	35	36.71	37	36.79	35.56	
73	12		36	34.64	29	36.29	39	36.43	38.5	37.61	31.5	35.86	38	34.93	38	33.50	34.5	36.07	33.5	36.36	37	36.71	35.56	
74	13		33.5	34.36	33.5	37.93	36.5	36.36	38	37.69	35.5	36.36	38.5	35.00	32.5	33.07	35.5	36.64	36.5	36.29	38.5	36.71	37.78	
75	14		38	34.57	36	38.71	36.5	36.71	34	37.83	37	36.57	37.5	35.07	30.5	33.64	35.5	36.29	37.5	36.14	36	36.50	35.56	
76	15		34	34.50	37	39.14	34.5	36.57	35.5	38.26	38.5	36.00	31	35.14	27	34.71	37	35.71	38.5	35.57	37.5	36.57	32.78	
77	16		31.5	35.07	40	39.07	33.5	36.93	39.8	38.47	36	35.71	27.5	36.07	33	36.14	36.5	35.21	37.5	35.36	38.5	36.71	33.89	
78	17		33	35.57	39.5	37.64	36.5	36.57	37.5	38.14	36	35.71	35	36.86	35.5	35.57	36	35.21	38.5	35.14	33	36.29	35.56	
79	18		36.5	35.86	39	36.79	38.5	36.43	40	38.36	36.5	35.93	37	36.57	38	34.71	37.5	35.50	32.5	35.00	36.5	36.93	36.67	
80	19		34	35.93	40.5	36.71	38.5	36.14	39	38.21	35	36.00	38.5	36.50	35	34.00	38.5	35.64	33	35.79	37	36.93	36.67	
81	20		35	36.43	39	35.79	39	35.36	39	38.14	37	36.43	39	36.21	36.5	33.07	33	35.50	35.5	36.07	37	36.86	31.67	
82	21		37.5	37.07	39	34.79	35.5	34.57	37	37.43	33	36.57	38	36.00	38	32.36	31.5	35.86	33.5	36.21	36.5	36.93	33.89	
83	22	38	37.29	36.5	33.36	37	35.00	37	37.00	36.5	37.29	37.5	35.93	37	31.71	33.5	36.57	37	36.50	38.5	36.14	35.00		
84	23	35	37.36	30	33.21	31	35.21	37.5	37.00	36	37.64	33	36.07	29	31.36	36.5	37.07	36	36.50	35.5	35.43	35.56		
85	24	35	37.93	33.5	34.21	35.5	36.14	39	36.93	37.5	37.71	33	36.93	29.5	32.21	38	36.57	37.5	36.86	37.5	35.36	35.56		
86	25	37	38.21	38.5	34.79	36.5	36.29	39	36.07	37	37.07	36.5	37.43	33	32.57	38.5	36.00	38	36.43	36.5	35.07	36.67		
87	26	37.5		34		33		38.5		38		36.5		28.5		37.5		35		36.5		36.67		
88	27	39.5		32		33.5		34		38		37.5		31.5		35.5		36.5		37.5		36.67		
89	28	39		29		38.5		34		38		37.5		33.5		36.5		35.5		31		32.78		
90	29	38.5		35.5		38.5		37		39		38.5		34.5		37		37		33.5		33.89		
91	30	39		37		37.5		37		36.5		39		35		33		38.5		35		35.00		
92	31	37		37.5		36.5		33		33		36.5		32		34		34.5		35.5		35.00		

7-DA
36.67
36.83
36.98
37.30
38.02
38.57
38.73
38.89
39.05
38.57
37.86
37.38
37.06
36.90
37.22
37.38
37.94
38.89
39.37
39.52
39.37
39.05
38.57
38.02
37.30
37.14
36.75
37.22
37.54
37.86
38.57
39.44
39.84
39.92
39.44
38.25
37.22
36.11
35.24
34.68
35.00
35.48
36.19
36.67
37.06
37.38

7-DA
37.38
36.51
35.24
34.52
33.65
32.94
32.06
31.75
32.62
33.33
33.33
33.49
32.78
31.75
30.95
30.08
29.37
29.84
30.63
31.90
33.33
34.44
35.00
35.40
35.24
35.24
35.40
35.56
34.68
34.44
34.76
35.00
35.00
35.00
35.00
35.71
35.56
35.40
35.32
35.24

Table I.13. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Gilgit

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	30.2	33.86	31	29.69	28	28.36	27	33.23	28	30.31	35	35.81	37	37.43	35	35.54	25	31.43	27	32.44
2		2	31	34.66	28.4	30.43	29	27.97	31.6	34.74	33	31.41	40.4	35.77	38	37.50	34.6	36.11	26.8	33.09	29	32.59
3		3	34.5	35.56	30.2	31.89	30	27.79	33.4	35.70	34.5	31.63	38.8	35.29	39	37.71	36.7	35.74	26	33.40	31.6	33.23
4		4	41	35.97	30.2	30.93	27.5	27.57	35.3	36.27	23.6	31.20	39	35.40	39	37.07	35.2	34.43	32.5	34.11	34	34.00
5		5	32.8	35.73	17.2	31.11	25	28.29	34.5	35.74	30	31.54	32	35.69	40	36.29	33.5	34.11	36	34.04	36.5	33.64
6		6	33.3	36.71	35	33.77	31.5	28.89	34.5	35.03	30	31.97	32.5	37.11	36	35.57	36.5	33.90	37.7	34.19	36	32.43
7		7	34.2	37.57	35.8	33.54	27.5	27.96	36.3	34.70	33.1	32.90	33	38.41	33	35.86	37.3	32.76	36	34.37	33	31.50
8		8	35.8	37.60	36.2	32.93	25.3	27.24	37.6	34.46	35.7	32.99	34.7	38.33	37.5	36.79	39	32.43	36.6	34.94	28	31.07
9		9	37.3	37.20	38.6	32.44	27.7	27.49	38.3	34.27	34.5	33.46	37	38.66	39.5	37.00	32	32.00	29	35.00	33.5	31.56
10		10	37.4	36.23	23.5	32.13	28.5	27.91	37.4	34.34	31.5	34.24	39.6	38.30	34.5	36.86	27.5	32.86	31	36.14	37	32.03
11		11	39.3	35.10	31.5	34.06	32.5	28.56	31.6	34.61	26	35.39	41	36.99	33.5	36.50	33	34.36	32	36.86	31.5	32.03
12		12	39.7	32.89	35.8	34.74	29.2	29.13	29.5	35.71	33	37.27	42	34.70	35	35.57	32	34.86	37	38.07	28	32.84
13		13	39.3	29.94	33.4	35.11	25	29.03	32.2	36.69	36.5	38.23	41.6	32.21	38	35.00	28.5	34.94	39	38.36	29.5	33.49
14		14	34.4	26.93	31.5	35.70	22.5	31.00	34.6	36.83	33.7	38.20	32.4	31.24	39.5	33.71	35	36.16	40	38.24	30	33.99
15		15	33	24.50	32.8	36.34	27	33.36	36.3	35.77	39	37.53	37	32.19	39	32.79	36	36.80	37	35.39	31.4	34.99
16		16	30.5	23.73	36.4	37.06	30.7	34.14	38.8	34.94	40	36.10	34.5	32.21	38.5	32.43	38	37.14	37	33.67	36.8	35.89
17		17	29.5	24.19	37	36.50	33	34.14	39.3	34.09	39.5	35.29	30.4	32.47	32	32.50	38	36.51	36	32.24	37	36.37
18		18	23.8	25.07	36.3	35.97	36.5	33.77	39.3	32.70	39.2	35.16	25	31.70	27	31.79	36.5	35.89	40.5	31.81	37.2	36.94
19		19	19.1	27.04	38.4	36.27	28.5	32.99	36.3	32.14	39.7	35.13	24.6	32.70	31	31.79	32.6	36.10	39	29.60	32.5	37.63
20		20	18.2	29.53	37.5	36.61	38.8	33.73	33.2	32.53	36.3	35.31	34.8	34.47	29	31.93	37	37.20	38.2	28.31	33	39.06
21		21	17.4	31.83	36	37.26	39	33.24	27.2	33.44	29	36.13	39	35.13	33	31.79	39.5	37.63	20	27.29	37	40.43
22		22	27.6	34.06	37.8	37.77	32.5	32.96	30.5	35.30	29	38.07	37.2	35.41	36.5	32.14	38.4	36.84	25	29.43	37.7	40.93
23		23	33.7	35.29	32.5	37.06	30.7	33.67	32.8	36.86	34.3	39.69	36.3	36.20	39	31.64	33.6	36.36	27	30.86	40.2	41.50
24		24	35.7	34.67	33.3	37.13	30.4	35.00	29.6	38.11	38.6	40.40	25	37.11	27	30.36	33.6	36.56	33	32.23	41	41.47
25		25	37.6	33.00	38.4	36.27	31	36.03	35.4	39.84	39	39.54	32	39.97	27	31.21	38	36.61	25	33.09	42	41.07
26		26	36.5	32.20	40.8	34.67	33.7	37.10	39	40.64	41	38.89	37	40.83	32	32.79	40.3	36.50	30	35.23	42.5	40.57
27		27	34.3	32.06	42	33.46	35.4	36.36	39.6	40.79	42	37.26	39.4	40.83	28	33.79	40	36.34	31	36.01	42.6	38.67
28		28	33	32.56	39.6	32.41	37	36.90	40.2	40.00	42.6	36.11	41	40.20	35.5	35.64	34	36.49	35	36.84	40.5	37.01
29		29	36.2	32.77	32.8	32.19	37.5	37.54	41.4	39.63	40.3	34.03	42.7	39.54	33	35.79	35	37.56	35	36.41	41.7	35.84
30		30	29.4	32.17	33	33.31	40	37.54	41.6	39.14	39.3	33.70	42.7	39.10	30	36.36	35	38.01	36.6	36.56	40	34.46
31	July	1	24	33.03	27.3	34.60	37.6	37.61	41.7	38.56	32.6	32.87	45	38.91	33	36.93	34	38.23	39	36.56	38.2	33.17
32		2	32	34.89	27.2	36.94	38.5	38.29	41	38.41	34.4	33.71	38	38.40	38	36.93	37.2	38.46	40	36.60	38.5	33.57
33		3	35.5	35.93	32.3	39.24	28.5	39.04	40	38.56	29.6	34.46	37	39.00	39	36.43	39.2	37.93	35.5	36.31	29.2	33.11
34		4	37.8	36.80	34.7	40.54	39.2	41.40	34.1	39.04	34	36.29	35	39.69	41	35.57	41	36.69	36.8	36.10	31	34.37
35		5	34.5	37.31	38	40.66	41.5	42.04	37.6	40.17	28	37.21	36.4	40.51	36.5	33.86	41.5	35.97	32	35.99	32.3	36.17
36		6	32	37.86	40.7	40.73	37.5	42.36	38	40.23	38	39.00	39.6	41.31	37	33.21	38.2	35.64	36	37.23	32	37.64
37		7	35.4	38.71	42	40.91	40.5	42.39	37.5	39.19	33.5	38.37	41.4	41.66	34	32.93	36.5	35.47	36.6	37.51	31	37.56
38		8	37	38.54	43.7	40.74	42.3	41.99	40.7	38.54	38.5	38.53	41.4	41.17	33	32.71	35.6	35.40	39.3	37.43	41	37.84
39		9	39.3	37.69	43.3	40.76	43.8	41.54	42	38.10	39.6	37.89	42.2	41.14	34.5	33.07	33.5	35.77	38	36.81	35.3	36.47
40		10	41.6	35.86	41.4	41.00	45	41.29	43.4	38.00	42.4	37.69	41.8	40.61	33	33.29	30.5	36.77	34	36.00	38	36.37
41		11	41.4	33.41	35.5	41.70	43.7	39.39	42	37.83	40.5	36.63	40.8	38.56	29	34.29	36	37.41	36	35.14	43.6	36.34
42		12	38.3	32.21	38.5	42.94	43.7	38.47	38	37.97	40.5	34.56	42	36.37	32	34.86	39.2	37.20	40.7	34.36	42.6	35.40
43		13	38	31.89	42	43.96	37.7	37.73	30.7	38.76	33.6	33.44	42	35.49	35	35.00	37	37.24	38	32.16	31.4	34.96
44		14	34.2	31.83	40.8	44.13	37.7	37.70	33.3	39.93	34.6	34.01	38	35.26	32.5	35.29	36	38.06	36	31.01	33	36.27
45		15	31	31.89	43.8	44.20	39.2	37.60	37.6	39.69	34	33.50	41.2	36.03	35.5	36.21	38.2	38.81	35	30.09	31.4	37.27

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	26.5	32.43	45	43.01	42	37.43	41.3	37.94	38.2	33.36	38.5	36.14	36	36.53	40.5	39.24	32.3	29.61	34.6	38.57	
47		17	24.5	33.36	46.3	41.16	31.7	36.79	42.2	36.36	35	32.39	27.4	36.61	40	35.74	35	39.39	28	29.29	37.8	39.06	
48		18	33	33.74	44.2	39.69	37.3	36.90	43	35.66	26	31.10	25.5	37.70	33	34.46	34.5	40.47	30.5	29.91	37	37.84	
49		19	36	33.81	45.6	39.40	38.5	37.07	43.5	35.00	32.7	30.76	35.8	38.34	33	35.03	39.5	41.11	25.3	30.84	39.5	36.33	
50		20	37.6	34.16	43.2	38.96	37.5	37.16	38.9	33.00	37.6	30.60	40.4	37.30	37	35.46	42.7	41.07	30	32.94	40.6	36.26	
51		21	34.6	34.54	41.3	38.97	37	36.80	31.3	32.73	31	30.30	43.4	36.96	39	35.17	41.3	40.61	29.5	34.51	40	35.97	
52		22	34.8	35.54	35.5	39.36	38	36.51	25.4	33.83	33	31.50	42	35.83	37.7	34.69	41.2	39.64	31.7	36.16	40.5	35.11	
53		23	33	36.57	32	39.86	37.5	36.37	30.2	36.06	31.4	32.43	41.8	34.97	30.5	33.23	41.5	39.47	30	36.34	38	34.39	
54		24	27.2	37.90	36	40.74	32.5	35.73	37.3	37.49	26	33.37	35	32.91	31	33.44	42.6	39.04	32.4	36.63	29.3	34.17	
55		25	33.5	40.13	42.2	41.34	38.5	36.01	38.4	36.70	23.6	35.27	30	31.20	37	33.73	39	38.74	37	36.29	26.4	34.70	
56		26	38.4	41.49	42.5	39.60	39.1	36.16	29.5	36.07	31.6	37.40	28.5	31.83	36	33.16	39.2	39.10	40	35.79	39	36.30	
57		27	40.3	40.94	43.3	38.04	35	36.07	37	36.03	35.5	37.46	38	33.27	35	33.16	39.5	39.50	41	34.57	38.6	36.01	
58		28	41.6	40.16	44	36.29	35	36.51	39	35.14	39.4	36.96	35.5	33.50	35.6	33.20	34.5	39.14	41	32.57	34	35.64	
59		29	42	38.67	39	34.07	37	37.40	41	33.44	39.5	36.33	36	33.91	27.5	33.83	40	39.21	33	30.43	35.4	36.64	
60		30	42.3	37.33	38.2	33.29	33	37.87	40.2	31.87	38	36.09	27.4	33.49	32	35.04	38.5	37.79	32	31.00	36.5	37.30	
61		31	42.8	35.43	40.2	32.97	34.5	38.51	31.8	31.21	39.3	36.23	23	34.86	33	36.33	40.5	36.71	30	32.07	33	37.23	
62		August	1	43	34.03	30	32.87	39.5	38.79	34	32.27	38.5	35.44	34.4	37.09	33	37.26	41.5	36.29	33.5	33.50	37.6	37.26
63			2	34.6	33.14	31.6	34.61	38.5	37.60	29.2	32.66	32	35.03	38.6	37.51	36	38.11	42	35.93	31.5	34.14	37	36.99
64			3	34.8	33.11	31	36.27	38.1	37.19	30.8	34.17	32	36.21	39.6	36.51	35.3	38.83	37	35.40	27	35.14	36	35.64
65			4	31.2	33.46	28.5	37.84	41.2	36.81	27.1	35.03	35	37.07	38.4	35.91	40	39.17	35	34.51	26	35.57	41	34.83
66			5	32.6	34.43	33.5	39.71	40.3	36.01	30	36.09	37.8	35.99	33	35.43	36	39.39	30	33.80	37	37.14	40	33.69
67			6	29	35.43	36	40.57	37.5	35.61	35.6	36.47	39	35.11	37	35.90	41	40.24	31	33.89	39.5	36.14	36	33.26
68			7	33	37.14	39.5	40.71	36.4	36.13	39.2	35.99	33.8	34.17	38.6	35.96	39.5	39.81	37.5	34.17	40	35.61	33.2	32.54
69			8	36.8	38.29	42.2	40.07	31.2	36.80	36.7	35.10	35.6	33.63	37.4	36.01	39	38.31	39	33.56	38	35.54	35.7	33.19
70			9	34.4	38.60	43.2	38.97	35.6	37.91	39.8	34.81	40.3	33.26	31.6	35.79	41	36.03	38.3	32.84	38.5	36.03	27.6	34.00
71			10	37.2	38.99	42	38.44	35.5	36.90	36.8	34.21	38	32.97	35.4	35.84	37.7	34.10	30.8	32.90	30	36.29	30.3	35.56
72			11	38	39.10	41.6	38.33	35.6	36.21	34.5	34.33	27.4	33.00	35	35.30	41.5	33.57	30	34.29	37	37.69	33	36.37
73			12	39.6	38.90	39.5	38.61	37.5	36.53	32.7	34.54	31.7	34.47	36.3	35.80	42	33.07	30.6	35.61	30	37.83	37	36.59
74			13	41	38.60	37	38.87	41.1	36.89	32.2	35.26	32.4	35.30	37.4	36.26	38	32.01	33	36.93	35.8	37.19	31	36.59
75			14	41	37.64	35	39.66	41.1	36.94	33	35.99	30	35.19	39	36.26	29	31.87	33.2	37.26	39.5	35.36	37.7	37.10
76			15	39	36.59	34.5	40.59	39	36.64	34.7	36.27	33	35.97	35.8	36.06	23	33.24	34	36.59	41.4	34.24	41.4	36.93
77	16		37.1	36.17	39.5	41.59	28.5	36.57	35.6	36.07	38.3	35.90	32	35.63	27.5	35.39	38.7	35.30	40.3	32.83	38.5	36.16	
78	17		38	35.61	41.2	41.33	30.7	36.97	37.6	35.84	38.2	34.57	31.6	36.06	34	36.46	40.5	34.51	39.8	32.01	36	36.00	
79	18		36.6	34.30	43.6	40.66	37.8	37.44	36	35.33	37.7	33.87	38.5	35.11	38	36.99	39.3	33.81	38	31.76	34.5	36.36	
80	19		37.5	33.70	41.3	39.47	40	37.11	37.7	35.67	37.5	33.34	39.5	33.57	34.6	37.20	39.8	33.53	25.5	31.90	37	36.64	
81	20		34.3	33.13	42.5	37.50	41.5	36.47	37.3	35.33	31.6	33.27	37.4	32.57	37	37.69	35.3	32.99	23	32.83	34.6	36.57	
82	21		33.6	33.26	41.5	35.69	39	34.51	35	33.93	35.5	34.29	37.6	32.43	38.6	36.83	28.5	33.04	31.7	33.76	36.5	36.77	
83	22		36.1	33.89	41.5	31.87	38.5	33.40	33.3	32.81	32.5	34.83	32.8	32.20	38	36.24	25	33.97	31.5	33.29	36	36.64	
84	23		33.2	34.27	37.7	29.23	31.3	33.37	34	32.84	29	36.19	35	33.23	35	35.96	33.2	35.51	34.6	33.36	37.4	36.21	
85	24		28.8	34.96	36.5	27.84	34	34.56	34	33.27	33.3	37.97	25	33.30	37.7	35.90	35.6	36.27	38	32.99	38.5	35.59	
86	25		32.4	35.66	35.3	27.06	35.5	34.77	38.4	33.73	34	38.71	27.7	34.80	39.5	35.59	37.3	35.67	39	31.96	36.5	35.37	
87	26		33.5		27.5		35.5		35.3		37		32.5		38		36		32		36.5		
88	27		35.2		29.8		27.8		27.5		38.7		36.4		31		35.7		29.5		36		
89	28		38		14.8		31.2		27.2		39.3		36		34.5		35		28.4		35.6		
90	29		38.8		23		38.3		33.5		42		40		36		35.8		32		33		
91	30		38		28		39.6		37		41.5		35.5		34.6		38.5		32		33		
92	31		33.7		31		35.5		37.2		38.5		35.5		35.5		31.4		30.8		37		

Table I.14. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Skardu

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	25	26.54	27.2	28.30	24.8	25.87	20.6	25.73	24.7	24.33	33.6	29.66	30.1	31.61	29.4	29.69	25.6	27.31	24	26.07
2		2	25	27.17	27.8	28.70	26.1	25.70	23.3	27.39	24	24.97	34.6	28.79	33	31.91	29.5	30.04	21.4	27.77	24.5	26.33
3		3	26.9	41.00	28.1	28.93	27.2	25.63	25.7	28.74	27.6	25.03	31.3	28.13	32.8	32.11	29.9	30.07	23.7	28.17	24.5	26.47
4		4	28.1	28.80	26.1	28.26	23.9	25.36	26.7	29.81	20.3	23.96	32	28.46	32.6	31.66	29.9	29.03	27.7	29.00	27	26.83
5		5	26.1	29.43	28.1	28.37	25.8	25.96	26.1	29.53	21.1	23.99	29.1	28.83	33.6	31.23	26.6	28.86	30.6	29.11	30	26.47
6		6	26.9	30.39	30.8	28.80	26.1	25.84	28	28.97	25.1	24.79	22.6	30.01	29.2	30.81	30.9	29.00	30	29.13	27.5	25.59
7		7	27.8	31.27	30	28.41	27.2	25.21	29.7	29.11	27.5	25.50	24.4	32.07	30	31.30	31.6	28.47	32.2	29.63	25	24.74
8		8	29.4	31.27	30	27.94	23.6	24.86	32.2	29.07	29.2	26.17	27.5	33.59	32.2	31.87	31.9	28.06	28.8	29.99	25.8	24.99
9		9	31.4	31.76	29.4	27.59	25.6	24.81	32.8	28.76	24.4	26.71	30	34.47	34.4	31.64	29.7	27.84	24.2	30.90	25.5	25.23
10		10	31.9	31.24	23.4	27.76	25.3	24.49	33.2	28.67	20.1	28.09	33.6	34.39	29.6	31.26	22.6	28.07	29.5	31.59	27	25.16
11		11	32.5	29.50	26.9	29.07	28.1	24.99	24.7	23.93	20.5	30.23	34.6	33.24	29.6	31.00	28.7	29.33	28.5	32.17	24.5	25.36
12		12	32.8	27.76	31.1	29.83	25	25.30	22.2	24.93	26.7	32.26	37.4	31.61	30.7	29.79	27.6	29.79	30.7	32.91	23.8	26.14
13		13	33.1	26.20	28.1	29.71	21.7	25.93	29	26.36	30.1	33.44	37	29.64	32.6	29.21	27.2	29.86	33.5	33.36	21.6	26.94
14		14	27.8	23.61	26.7	30.07	24.7	27.20	29.4	26.66	32.2	34.06	35	29.00	34	28.13	28.7	30.24	34.7	33.49	26.7	27.79
15		15	32.8	21.74	27.5	30.99	23.3	28.36	30	26.11	33	33.90	33.7	29.00	30.6	26.87	30.4	30.37	35.2	32.76	27.5	28.30
16		16	27.8	19.91	30.6	31.97	23.3	29.27	32.2	25.16	34	32.76	29.4	29.17	31.7	26.79	31.3	30.00	29	31.67	25	28.80
17		17	19.7	19.96	32.6	32.29	28.8	30.27	—	24.33	35.1	31.47	25.6	28.94	27.8	27.01	31.4	29.34	33.6	31.33	28.4	29.91
18		18	20.3	21.43	32.2	32.21	30.3	30.17	31.7	28.21	34.7	29.87	23.2	29.01	21.1	27.64	31.9	28.94	33.7	29.57	30	30.76
19		19	21.9	23.01	30.3	32.41	29.4	29.89	32.2	27.50	35	29.59	23.6	29.26	26.7	28.29	28.1	28.94	33.8	28.17	29.4	31.47
20		20	15	24.26	30.6	33.19	30.6	30.06	31.1	27.34	34.4	29.34	32.5	30.29	25	28.44	29.9	29.73	34.4	26.16	27.5	32.20
21		21	14.7	26.56	33.1	33.97	32.8	29.10	25.6	27.50	31.1	29.43	35	30.59	25.2	27.96	29.6	30.41	29.6	24.01	30.3	33.13
22		22	20	28.79	34.4	33.97	29.7	28.81	23.3	28.60	25	30.27	34.9	30.64	30	28.76	27.8	30.56	27.6	23.81	31	33.94
23		23	28.1	30.51	32.8	32.36	30.3	29.30	26.4	30.04	25	31.87	27.8	31.03	33.3	28.76	26.7	30.83	26.6	24.40	32.8	34.59
24		24	30	30.31	32.1	30.41	28.1	29.77	27.2	31.03	23.9	33.21	26.1	32.59	32.2	28.04	28.6	30.70	21.3	25.24	34.3	34.97
25		25	31.4	28.80	33.6	29.00	28.3	30.91	26.7	31.94	32.7	33.47	24.9	34.51	25.6	27.73	31.9	30.30	23.9	27.17	35	34.47
26		26	30.6	28.36	35.7	28.17	30.6	31.49	31.1	32.74	33.3	32.21	30.8	36.51	27.8	28.91	33.6	29.83	19.7	28.77	34.5	34.00
27		27	31.1	28.46	36.1	27.44	23.9	30.49	32.2	32.59	35	30.89	34.6	36.80	21.6	29.79	34.7	29.99	19.4	30.34	34	32.71
28		28	30.3	28.77	33.1	27.04	30.8	31.76	33.3	31.80	37	29.79	35.4	36.00	30.8	31.59	30.6	30.01	28.2	32.24	36	31.07
29		29	32.1	28.79	23.1	25.80	33.1	32.19	33.4	31.24	36.2	28.56	37.6	35.49	30	31.56	29.7	30.70	31.7	32.64	35.5	29.30
30		30	26.7	28.09	19.2	27.43	33.6	32.04	33.3	30.84	34.4	27.81	38.7	35.07	28.3	31.56	25.8	31.44	32.5	32.20	35.5	27.16
31	July	1	19.4	28.00	22.2	29.91	36.1	32.09	33.6	30.54	25.7	27.37	39.6	34.33	30	31.31	25.8	32.57	34.8	32.04	30.8	25.66
32		2	28.3	29.56	27.8	32.16	32.3	32.01	32.3	30.39	23.9	28.30	38.9	34.30	33.9	31.40	28.6	33.44	35.1	32.01	31.7	25.54
33		3	31.3	30.16	30.6	33.51	23.6	32.66	30	30.77	24	29.17	32.8	34.46	33.9	31.09	34.7	33.44	30.7	32.16	25.5	25.06
34		4	33.3	30.60	33.3	33.19	32.8	34.74	26.7	31.60	27.3	30.59	29	35.57	34.2	30.91	34.9	31.87	32.7	31.34	22.5	26.23
35		5	30.4	30.84	24.4	33.39	33.8	35.57	29.4	32.80	28.4	31.71	31.8	36.83	30.6	30.16	35.4	31.30	31	30.84	23.6	28.11
36		6	27.2	31.26	34.5	35.14	32.1	36.10	30.6	32.93	31	32.39	34.7	37.29	30	30.10	34.9	31.04	28.6	31.27	20.5	29.86
37		7	26.1	32.06	36.6	35.57	33.9	36.24	31.2	32.00	31.3	32.56	33.5	37.57	26.6	30.34	33.7	30.44	31.4	32.11	25	31.07
38		8	30.3	32.47	37.9	35.81	35.6	36.31	32.5	31.49	32.2	32.61	39.4	37.59	30.6	30.91	31.9	29.54	34.6	32.20	30	30.79
39		9	32.5	31.09	37.3	35.99	36.8	36.21	35	31.14	30	31.83	40	37.40	31.7	31.23	28.6	29.80	36.1	31.40	28.3	30.01
40		10	34.4	29.10	28.3	36.29	38.2	35.73	35.8	30.99	33.9	31.20	40.6	37.09	32.7	31.23	23.7	30.80	25	31.04	33.7	29.94
41		11	35	27.96	34.7	38.00	38.6	33.93	35.1	31.13	35.2	30.91	37.8	35.41	28.9	31.40	30.9	31.94	29.2	31.97	35.7	29.23
42		12	33.3	27.34	36.7	38.84	37.5	33.30	30.3	31.43	33.1	29.70	35	33.67	30.2	32.21	33.6	32.20	34	32.37	35.8	28.06
43		13	32.8	27.16	37.5	39.31	33.1	32.74	24.1	32.40	32.2	29.41	36.7	33.44	31.7	32.99	30.7	32.60	34.5	31.66	29	27.33
44		14	29	27.09	38.3	39.43	34.4	32.96	27.6	33.33	31.7	29.19	33.6	33.44	30.6	33.43	27.4	33.59	32	30.73	23	27.87
45		15	20.6	27.67	39.1	38.76	34.9	33.09	30.1	32.87	26.7	28.86	38.1	34.31	32.8	33.86	33.7	35.20	29	30.01	24.6	29.51

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	18.6	29.37	39.4	36.73	33.4	32.74	33.9	32.39	25.6	29.69	37.8	34.56	31.7	33.54	35.6	35.76	33.6	29.96	27.8	30.89	
47		17	26.4	30.91	40.3	35.87	25.6	32.70	36.8	31.40	31.9	30.71	28.9	34.67	33.9	33.10	31.7	36.21	31.5	29.59	28.7	31.87	
48		18	30.7	30.67	40.6	35.43	34.2	33.64	37.2	30.44	26.7	30.01	25.6	34.94	34.6	31.87	32.7	36.94	32	29.19	27.5	32.26	
49		19	32	30.26	40	34.94	33.6	33.51	37.1	29.61	31.1	29.61	33.4	34.96	35.6	31.46	36.4	37.51	29	29.47	30.7	32.61	
50		20	32.3	30.14	38.3	34.79	34.6	33.80	30.6	28.51	30.6	28.90	36.7	34.29	34.8	30.90	37.6	37.41	28	30.43	32.8	32.74	
51		21	33.1	30.43	33.6	34.16	35.3	33.39	24.4	28.74	29.4	29.10	39.7	33.57	33.6	30.53	38.7	36.99	27	31.77	34.5	32.91	
52		22	32.5	30.81	24.9	34.60	32.5	33.03	26.7	30.03	32.5	29.91	39.8	32.69	30.6	30.29	37.6	36.00	28.6	33.26	34.2	32.44	
53		23	29.4	31.33	33.4	35.96	33.1	33.40	27	31.07	32.8	30.29	38.6	31.84	28.6	30.44	38.8	35.16	31	33.47	34.7	32.23	
54		24	24.7	32.50	37.2	36.14	32.2	33.43	30.1	32.37	27	30.94	30.8	29.90	25.3	30.20	36.8	34.61	28.7	33.09	31.4	32.06	
55		25	27.8	34.44	37.2	34.16	33.3	33.63	31.4	32.44	23.9	32.24	25.7	29.21	31.7	30.96	36.7	34.47	34	32.76	30	32.23	
56		26	31.2	35.67	38.9	32.89	35.6	33.00	29.4	32.00	26.1	33.69	28.7	29.83	31.7	30.83	35.7	34.60	35.7	31.57	31.6	32.39	
57		27	34.3	35.70	33.9	30.63	31.7	32.80	32.2	32.21	32	32.83	31.7	30.50	32.2	30.67	34.6	34.96	37.4	29.96	34	32.10	
58		28	35.8	34.83	36.7	29.99	32.8	33.39	33.4	31.81	35.1	31.67	33.5	31.13	31.9	31.17	31.8	34.81	37.4	28.70	31.2	31.65	
59		29	36.1	33.86	34.4	28.27	35.1	33.86	34	31.29	35.1	30.56	33.9	31.57	31.7	31.81	31.7	34.21	30.1	27.07	32.7	31.46	
60		30	37.6	32.83	34.7	27.53	33.3	34.16	36.1	30.03	37.4	29.99	25	31.01	26.9	32.37	35	33.07	28.3	26.74	33.5	30.99	
61		31	38.3	31.51	23.3	27.17	33.6	34.00	30.6	29.31	36.1	29.31	26	32.29	30.6	33.61	35.8	31.44	26.4	27.76	32.6	30.61	
62		August	1	36.4	30.13	28.3	28.80	28.9	33.49	28.3	29.80	34	28.84	30	33.94	30.8	34.77	37.6	31.13	25.7	29.37	31.1	30.72
63			2	31.4	29.24	23.1	30.00	34.2	33.69	30.9	30.13	20.1	28.43	33.4	34.67	30.6	35.61	38.2	30.81	24.4	31.19	29.6	30.98
64			3	28.2	29.10	29.4	32.17	35.8	33.56	29.4	30.51	23.9	30.47	36.1	34.76	35.7	36.49	33.6	30.31	28.6	32.64	30.9	31.63
65			4	29	29.41	24.7	33.60	36.1	32.84	29.7	30.71	27.3	31.66	36.6	34.20	36.4	36.49	27.6	29.93	26	32.86	29.9	31.85
66			5	28.9	29.60	29.2	35.63	37.2	31.93	25.2	30.24	31.1	31.17	30	33.77	35.6	36.37	23.7	30.07	27.8	33.51	29.4	31.88
67			6	28.4	30.39	32.2	36.77	32.2	30.66	31.1	29.64	32.7	30.39	33.9	34.61	35.6	36.80	23.6	30.81	35.4	33.43	30.8	32.12
68			7	28.6	30.90	34.7	36.34	30	31.17	34	29.06	32.8	29.01	37.6	34.93	38.7	36.16	33.6	30.97	37.7	32.74	33.4	31.96
69	8		30.2	31.96	36.7	35.00	30.3	32.26	30.6	28.17	31.1	28.37	35.1	34.93	36.7	33.63	35.4	30.44	38.4	32.46	32.9	31.54	
70	9		30.4	32.59	38.3	33.96	33.3	33.24	33.6	27.37	34.4	28.13	34	34.71	36.7	31.39	34.7	29.06	34.6	32.31	34.2	31.12	
71	10		30.4	32.91	39.4	33.24	30.8	32.50	30.8	26.77	32.2	27.54	32.2	34.14	35.7	29.73	30.9	28.19	30.1	32.17	32.4	30.56	
72	11		30.3	33.07	38.9	32.61	29.7	32.30	26.4	26.53	23.9	27.54	33.6	33.60	35.6	29.00	28.6	28.59	30.6	33.17	30.1	30.46	
73	12		34.4	32.20	37.2	32.21	28.3	32.97	21	27.29	25.6	28.51	35.9	33.31	38.6	28.60	28.9	29.51	27.2	33.80	31.0	30.69	
74	13		32	31.36	29.2	31.91	35.8	34.24	27	29.09	23.1	29.17	36.1	33.13	31.1	27.81	24.7	30.19	30.6	33.49	29.7	31.01	
75	14		36	30.50	25.3	33.21	37.6	34.49	27.8	30.14	28.3	29.76	37.6	32.91	21	28.10	29.9	30.19	35.7	32.97	30.5	31.36	
76	15		34.6	29.33	29.4	35.23	37.2	33.91	25	30.60	29.4	29.91	33.6	32.63	21	30.10	25.7	28.76	37.4	31.79	29.9	31.54	
77	16		32.7	28.90	33.3	36.43	28.1	33.64	29.4	31.31	30.3	30.10	30	32.67	25.1	32.13	28.6	28.60	33.6	29.59	30.2	31.92	
78	17		31.5	27.23	35	36.71	29.4	33.69	29.1	31.51	32.2	29.20	28.4	32.43	30.6	33.40	33.7	27.33	37.1	28.70	31.7	31.58	
79	18		24.2	24.94	36.1	36.91	34.4	34.01	31.7	31.73	30.7	28.53	31.6	32.03	32.8	34.04	35.1	26.04	35	28.03	31.7	31.10	
80	19		28.5	23.91	35.1	36.51	37.2	33.74	33.6	30.13	30.2	27.96	34.6	31.20	33.1	34.37	33.6	25.59	25	27.79	33.3	30.53	
81	20		26	23.67	38.3	35.79	37.5	32.96	34.4	29.63	27.2	27.99	34.6	30.54	33.1	33.36	24.7	25.60	27	28.23	32.2	29.90	
82	21		27.8	24.17	39.4	33.64	33.6	31.21	31	27.57	29.4	28.70	35.6	30.40	35	32.76	19.9	26.63	27.4	27.87	31.7	29.25	
83	22		31.6	24.64	37.8	29.76	35.3	30.70	30	26.73	30.7	29.26	33.9	29.97	35.2	32.36	24.6	28.44	22	28.01	32.6	28.67	
84	23		21	24.57	35.3	26.97	28.4	30.46	30.8	26.59	24	29.71	28.3	29.93	34	32.14	19.7	29.17	27.4	29.47	27.9	28.17	
85	24	15.5	26.16	36.4	25.54	31.7	31.56	30.6	26.57	27.5	31.04	25.6	30.89	35.1	31.97	24.7	30.74	32.4	30.01	28.3	28.70		
86	25	17	28.51	33.3	23.91	32.5	31.76	20.5	26.57	26.7	31.96	25.8	32.04	35.1	31.24	31.9	31.17	33.3	28.81	27.7	29.06		
87	26	26.8		30		31.7		30.1		30.4		30		26		33.7		28.1		28.9			
88	27	29.5		23.3		25.3		20		32.2		33.6		28.9		31.9		24.5		27.6			
89	28	31.1		12.2		30		25.1		33.3		32.6		32.2		32.6		28.4		27.6			
90	29	31.1		18.3		33.6		29		33.9		33.6		33.7		29.7		32.2		29.1			
91	30	32.1		25.3		36.1		30.7		33.3		35		32.8		30.7		31.2		31.6			
92	31	32		25		33.1		30.6		33.9		33.7		30		27.7		24		30.9			

Table I.15. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Islamabad

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	40	39.41	29.2	33.07	36.1	38.14	34.4	36.23	38.8	38.77	40.5	37.51	38.3	39.03	38.4	40.93	39.4	40.17	34.4	39.03
2		2	38.9	39.41	33.9	33.99	38.1	38.70	36.7	37.34	39.5	38.94	42.2	36.80	37.7	39.90	39	41.69	39.4	39.80	37.7	39.51
3		3	40.6	41.00	33.1	34.46	38.1	38.73	37.8	37.97	37.7	38.84	42.2	36.09	38.9	41.10	40.5	41.87	39.4	39.56	38.3	39.44
4		4	41.9	39.06	33.6	34.33	38.6	38.73	38.3	38.64	38.3	39.01	37.2	35.37	36.1	41.80	42.3	41.17	40.5	38.69	40	39.44
5		5	38.9	38.47	30.6	34.69	38.6	38.90	32.2	38.73	36.1	38.61	32.2	35.44	39.4	42.90	41.5	40.64	41.6	38.29	41.1	38.80
6		6	36.7	38.63	35	35.79	38.5	38.14	35	39.80	39.9	39.09	32.8	36.54	40.6	43.30	42.3	40.29	41	37.41	41.7	38.33
7		7	38.9	39.26	36.1	35.87	39	37.01	39.2	40.31	41.1	39.26	35.5	37.24	42.2	43.21	42.5	39.53	39.9	36.94	40	37.84
8		8	40	38.46	35.6	35.80	40	36.33	42.2	40.43	40	39.41	35.5	37.00	44.4	42.97	43.7	39.07	36.8	36.94	37.8	37.53
9		9	38.4	37.99	37.2	36.19	38.3	35.89	41.1	40.19	38.8	39.89	37.2	36.69	46.1	42.26	40.3	38.69	37.7	37.16	37.2	37.69
10		10	38.6	37.10	32.2	36.54	38.1	35.84	42.5	40.50	38.9	40.29	37.2	35.81	43.8	41.46	35.6	38.86	33.3	36.13	38.3	38.20
11		11	37.8	36.27	36.1	37.81	39.8	36.03	38.9	40.54	35.5	40.99	37.7	35.49	43.8	40.43	38.6	39.73	37.7	36.60	35.5	38.69
12		12	40	35.40	38.3	38.37	33.3	35.86	39.7	41.10	39.4	41.63	39.9	34.46	42.2	38.77	39	40.03	35.5	36.60	37.8	39.57
13		13	41.1	34.49	35.6	38.86	30.6	36.50	38.6	41.06	41.1	41.93	37.7	33.83	40	37.90	37	39.67	37.7	36.36	38.3	39.73
14		14	33.3	32.59	35.6	39.06	34.2	37.93	40	41.17	42.2	41.91	33.8	33.87	40.5	37.26	39.3	39.89	39.9	36.06	37.8	40.07
15		15	36.7	31.80	38.3	38.89	36.9	39.07	40.5	40.57	43.3	41.29	33.3	34.59	39.4	36.94	41	39.77	38.3	35.36	38.9	40.79
16		16	32.2	31.00	39.7	38.61	38	39.91	43.3	39.94	41.6	40.77	31.1	35.21	40.5	37.10	41.5	39.39	30.5	34.87	40.8	41.66
17		17	32.8	31.64	41.1	38.66	39.4	40.16	42.8	39.36	43.8	40.30	34.9	35.53	36.6	37.39	41.7	38.60	36.6	35.19	41.7	42.19
18		18	31.7	32.23	40	38.50	38.6	40.09	42.8	39.04	40	39.30	30.5	35.70	32.2	38.03	40.7	37.89	37.7	35.04	41.7	42.89
19		19	33.6	32.46	41.7	38.59	37.8	40.23	39.4	38.64	41.5	38.90	35.5	36.33	36.1	37.94	36.5	37.61	33.8	34.36	38.9	42.96
20		20	27.8	32.50	37	38.34	40.6	40.74	39.4	38.77	41	38.69	38	36.73	35.5	37.54	38.5	37.69	35.6	34.44	40.7	43.43
21		21	27.8	33.54	34.4	38.66	42.2	41.10	35.8	39.17	37.8	38.53	38.8	35.66	38.3	37.54	38.5	37.70	35	34.20	42.8	43.76
22		22	31.1	34.77	36.4	38.59	42.8	41.10	36.1	40.01	39.7	38.44	37.7	35.27	40.5	37.54	38.3	36.56	34.9	34.11	45	43.27
23		23	36.7	35.77	40	38.19	39.7	40.54	39.2	40.21	38.3	37.93	33.3	35.36	42.5	36.83	36	36.01	32.7	34.36	44.5	42.47
24		24	36.9	35.09	40	37.04	38.9	40.47	40.6	39.70	36.8	37.94	36.1	36.31	41.1	36.33	36.7	35.87	35.6	35.09	46.6	41.20
25		25	33.3	34.14	40.6	36.41	39.6	40.43	40	39.61	37.2	37.26	34.9	36.39	31.6	36.33	38.8	35.91	32.9	35.63	42.2	40.01
26		26	33.9	34.30	40	36.01	41.4	39.83	40.3	39.46	40	36.87	38.3	35.36	33.3	37.84	37	35.51	34.4	36.47	42.2	38.63
27		27	35.1	34.66	39.2	35.90	43.1	38.96	42.2	39.26	39.9	36.10	30.5	34.87	35.5	39.37	38.6	35.61	33.9	37.19	43	37.36
28		28	36.4	34.89	33.9	36.09	42.2	38.19	41.7	37.91	37.2	35.79	36.1	35.03	38.3	40.26	30.5	35.60	34.4	37.73	39.4	36.21
29		29	38.1	34.54	33.6	37.00	38.9	37.26	37.5	37.04	36.1	35.86	38.3	35.03	35.5	40.10	34.5	36.74	36.6	37.97	39.4	35.87
30		30	31.9	34.10	32	38.16	39.2	37.26	35.6	36.69	38.4	36.57	40	34.71	39	40.46	35	37.24	37.8	37.57	35.6	35.24
31	July	1	30.3	34.54	35.6	39.51	38.6	36.66	40	36.44	32	37.04	36.6	34.39	41.1	39.87	37	37.21	39.4	37.40	38.3	34.91
32		2	34.4	35.57	37.8	40.03	35.4	36.14	38.9	35.97	34.5	38.43	27.7	34.54	42.2	39.31	36	36.74	38.8	37.24	32.5	34.27
33		3	36.4	35.46	39.2	40.07	35.3	36.17	38.9	35.96	34.6	38.69	34.9	34.79	44	38.76	37.7	36.81	39.4	37.09	33.3	34.07
34		4	36.7	35.93	40.5	40.19	37.7	36.13	32.8	36.16	37.7	38.20	31.6	34.94	41.7	38.01	38.5	35.97	37.7	36.23	35	34.86
35		5	34	36.31	40.3	39.56	35.7	35.83	35.6	37.23	37.7	37.89	36.1	35.66	37.2	37.57	38.5	35.16	36.1	36.00	37	35.49
36		6	35	36.93	41.7	38.49	38.9	35.51	35	37.77	41.1	37.41	36.1	34.39	38	38.00	38	34.46	33.8	36.23	35	35.20
37		7	35	37.17	41.5	37.73	35	34.09	33.9	37.37	41.7	35.91	37.7	33.79	34.9	38.44	34.8	33.37	36.6	36.31	33.3	34.17
38		8	37.5	37.21	39.2	37.07	35	33.29	36.7	37.53	41.7	35.11	37.7	33.16	37.2	39.24	33.7	32.90	38.3	36.24	33.8	34.06
39		9	33.6	36.43	38.1	35.51	35.6	33.37	38.8	37.83	36.3	34.11	29.4	32.84	38.3	39.87	36.5	33.03	37.7	35.60	31.1	34.23
40		10	39.7	35.00	40	34.64	35	33.21	40.3	38.00	31.2	34.17	36	33.47	38.8	40.11	31.8	32.96	33.4	35.37	38.8	34.30
41		11	39.4	34.21	36.1	33.50	35.6	32.74	40.3	37.96	35.5	34.31	36.6	33.00	38.6	40.44	32.8	32.99	36.1	35.53	39.4	33.11
42		12	38.3	33.86	32.8	33.46	33.5	32.73	39.4	37.19	34.4	34.23	27.2	32.44	40.2	40.80	33.6	33.20	37.7	35.69	35	32.17
43		13	36.7	33.94	36.4	33.99	28.9	32.94	32.2	35.80	30.6	34.16	31.9	33.84	41.1	40.76	30.4	33.40	34.4	35.61	27.8	32.33
44		14	35.3	34.19	36.9	33.11	29.4	33.77	35	35.56	36.1	35.01	33.3	34.74	40.5	40.76	31.5	34.20	36.1	35.86	32.5	33.90
45		15	32	34.77	28.3	32.73	35.6	34.49	38.8	35.39	34.7	34.84	35.5	35.46	41.6	40.84	34.6	34.94	33.8	35.86	35	34.34

S.No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	23.6	35.64	32	33.41	34.5	34.40	40	34.60	36.7	34.56	33.8	35.63	40	40.06	36	34.14	36.1	36.41	31.6	34.34	
47		17	34.2	37.51	32	33.27	31.7	34.71	40	33.89	32.2	33.36	32.7	35.63	41.1	39.81	32	33.79	34.5	36.73	30.5	34.69	
48		18	36.9	37.71	35.8	33.26	35.5	35.01	34.9	33.49	34.9	33.20	32.7	34.91	41.1	39.17	34.3	34.17	37.2	37.34	32.8	35.31	
49		19	38.9	37.89	36.5	33.10	35	35.26	29.7	33.94	33.9	32.49	37	34.69	39.9	38.93	35	34.13	37.2	37.81	36.1	35.71	
50		20	38.4	37.53	30.3	32.64	34.7	35.37	30.5	34.59	36.6	32.56	38.2	33.93	41.1	38.39	36	34.27	36.1	38.04	38.8	35.80	
51		21	39.4	37.57	34.2	33.16	34.4	35.54	33.8	35.70	34.9	32.56	38.3	32.99	41.1	37.90	36.7	34.06	36.1	38.43	35.6	35.19	
52		22	38.1	37.57	33.1	32.44	35	36.10	33.3	36.43	32.7	32.73	36.7	32.50	36.1	37.41	29	33.89	37.7	38.43	35	34.54	
53		23	36.7	36.89	31	32.31	36.7	36.61	35	37.03	28.3	32.81	33.8	31.86	38.3	37.64	33.5	34.39	38.3	38.20	34	34.70	
54		24	35.6	35.81	31.9	31.81	33.8	36.69	37.2	36.31	31.1	33.53	27.7	31.47	36.6	37.49	34.7	34.40	38.8	37.56	34.9	34.67	
55		25	38.1	35.49	34.7	32.04	37.2	37.06	38.1	35.44	29.9	34.09	31.1	32.11	39.4	37.11	34	34.30	40.5	36.46	35.6	34.69	
56		26	36.4	34.09	33.3	31.53	35.8	36.19	34.2	34.49	34.4	34.49	31.7	32.74	36.1	36.96	36	34.06	38.8	35.59	36.7	34.89	
57		27	38.7	33.01	33.9	31.66	35.9	36.51	38.3	34.13	36.6	33.90	31.6	33.46	37.7	37.47	34.5	33.37	38.8	34.40	34.5	34.64	
58		28	39.4	32.17	29.2	32.00	38.3	36.54	38.9	33.74	36.1	33.11	34.9	34.01	37.7	37.74	35.5	32.76	36.1	33.61	31.1	35.03	
59		29	33.3	30.99	32.2	32.27	38.6	35.80	37.5	33.14	33.3	32.44	32.2	34.27	37.7	38.14	32.5	32.19	36.1	32.73	36.1	35.30	
60		30	29.2	30.91	27.5	32.63	37.2	35.33	30	32.94	33.3	32.44	31.1	34.36	37.2	37.91	33.6	32.30	33.8	32.64	33.8	35.39	
61		31	33.3	32.19	33.5	33.79	36.4	34.77	31.1	33.90	35	32.67	32.2	35.07	34	37.67	34	32.50	31.1	33.13	35	35.31	
62		August	1	28.3	31.80	31.1	34.29	31.1	34.41	31.4	34.99	32.7	32.71	35.5	35.14	38.3	37.24	32.3	32.69	34.4	33.60	37	34.91
63			2	28.9	32.20	34.2	35.24	38.1	34.89	31.7	35.01	30.3	32.96	36.7	34.36	39.7	36.57	31.2	32.71	30.5	33.29	35	33.84
64			3	32.8	32.60	36.3	34.96	36.1	34.36	35.6	35.01	31.1	33.79	35.5	34.03	39.6	35.41	30.2	33.04	33.3	33.53	37.2	33.37
65			4	31.1	32.76	31.1	34.21	33.1	34.47	34.7	34.57	31.4	34.10	36.7	33.59	40.5	33.83	31.5	33.37	29.9	33.53	33	32.90
66			5	32.8	33.23	34.7	34.89	35.3	34.19	36.1	34.06	33.3	34.13	32.8	33.19	36.1	32.89	33.3	33.77	35.5	34.11	36.7	33.27
67			6	38.1	33.39	35.6	34.89	33.3	33.34	36.7	33.59	34.9	33.97	36.1	33.57	35.5	32.69	35	34.01	37.2	33.49	33.3	33.24
68			7	30.6	32.99	37	33.49	33.9	33.43	38.7	32.61	35.3	33.91	32.7	33.66	31	31.89	35.3	33.94	34.4	33.09	32.2	33.64
69			8	31.1	33.37	37.8	32.44	34.4	33.03	31.6	31.53	34.4	34.11	30	34.39	33.6	31.19	32.5	33.97	32.2	33.33	29.5	34.20
70			9	31.7	32.90	32.2	31.69	34.4	32.49	31.7	31.93	36.1	34.36	34.4	34.30	31.6	30.34	33.5	34.40	32.2	33.40	31.7	35.30
71			10	33.9	32.66	31.1	32.00	36.9	32.06	32.5	32.60	33.3	33.89	32.4	33.66	28.5	30.50	32.5	34.59	33.3	33.47	33.9	36.06
72			11	34.4	31.16	35.8	32.56	31.1	31.74	31.1	33.07	31.6	34.13	33.9	34.01	33.9	31.43	34.3	35.10	34	33.23	35.6	36.13
73			12	33.9	31.00	34.7	32.53	29.4	32.46	32.8	33.94	32.2	34.44	35.5	34.40	34.7	31.74	35	35.16	31.1	32.64	36.5	35.96
74			13	35.3	30.71	25.8	32.81	33.9	32.94	29.9	34.53	34.5	34.60	36.7	34.71	29.9	31.86	34.5	34.41	34.4	32.80	36.1	35.59
75			14	33.3	30.31	29.7	34.37	31.1	33.10	31.1	35.46	36.7	34.74	37.8	34.79	26.1	32.51	35.5	33.79	36.1	32.71	36.1	35.59
76			15	27.8	30.40	32.5	34.89	30.6	33.34	34.4	35.86	36.1	34.66	29.4	34.61	27.7	33.86	35.5	33.51	32.7	32.07	37.2	34.94
77	16		30	31.39	34.4	35.16	31.4	33.97	36.4	35.99	32.8	33.79	29.9	35.66	32.7	34.81	34.8	33.20	32.7	32.31	37	34.54	
78	17		23.4	31.43	35	33.73	34.7	33.77	35.8	36.03	35	33.86	34.9	35.66	35	34.81	36.1	33.19	31.6	32.47	34.4	33.86	
79	18		33.3	32.46	35.6	33.23	36.1	33.73	37.2	36.16	33.8	33.76	36.6	35.11	36.1	34.50	34.7	33.10	29.9	32.94	34.4	33.94	
80	19		31.9	32.33	36.7	32.99	32.8	33.30	36.9	35.89	33.3	34.09	37.7	34.80	35.5	33.86	29.8	33.27	32.2	33.59	33.9	34.10	
81	20		32.5	32.73	36.7	32.43	35	32.81	36.4	35.34	35.5	34.64	37.2	34.41	34.5	33.39	30.1	33.93	33.8	33.74	36.1	34.17	
82	21		33.9	33.29	33.3	31.36	32.8	32.64	33.9	34.74	36.1	34.73	36.6	34.34	35.5	32.66	33.6	34.46	31.6	33.90	31.6	34.10	
83	22		34.7	33.57	34.4	29.77	35	32.91	35.3	34.34	30	34.89	36.7	34.34	34.4	32.41	33.3	34.51	34.4	34.30	34.4	34.03	
84	23		30.3	33.84	24.4	28.99	30	33.07	36.7	34.19	33.3	35.83	29.9	34.26	32.7	32.41	34.7	34.54	33.8	34.46	32.2	33.71	
85	24		30.6	35.04	31.5	30.14	34.4	33.83	36.7	33.94	34.3	35.76	31.1	35.21	32.8	32.73	35.5	34.30	34.9	34.86	35	34.03	
86	25		32.4	35.20	33.9	30.49	33.1	34.16	35.3	33.79	36.1	35.30	34.4	35.84	31.6	32.24	35.9	34.13	34.4	34.94	35.5	34.11	
87	26		34.7		32.8		29.4		33.1		37.2		35		32.2		34.4		33.3		34.4		
88	27		36.4		29.2		33.8		32.2		36.1		36.7		29.4		33.8		34.9		35.6		
89	28		35.9		22.2		34.7		31.1		37.2		36.6		33.8		34		34.4		31.1		
90	29		36.6		28.9		36.1		34.2		36.6		36.1		34.4		33.5		35.5		32.2		
91	30		38.7		32.5		35.3		35		32.8		36.6		34.9		33		36.6		34.4		
92	31		31.7		33.9		36.7		35.6		31.1		35.5		29.4		34.3		35.5		35.6		

Table I.16. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Hyderabad

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	42.5	41.51	36.3	36.06	39.5	40.53	37.4	37.47	38	40.03	39	37.76	43	40.93	40	41.36	41.5	41.36	42	41.71
2		s	42.5	41.13	31.8	36.23	40.8	40.31	37.5	37.63	38.5	40.96	38	37.97	42	40.21	45	41.36	44	40.86	42.5	41.93
3		3	45	41.00	36.4	37.14	39	39.91	37.5	38.13	40	42.10	37.3	38.40	41.5	39.71	41.5	40.86	42.5	40.21	39.5	41.71
4		4	41	40.43	35.5	37.44	40.7	39.20	37.5	38.49	40.4	42.17	36.5	38.86	41.5	39.29	41.5	40.86	41.5	39.93	41	41.86
5		5	40.2	40.50	36.5	37.81	44	38.91	37	38.87	39.5	42.04	37	39.64	41	38.89	41.5	40.86	41	40.07	42	41.79
6		6	40.2	40.36	38.2	38.14	41.5	38.31	37.4	39.01	41.3	42.26	37.5	40.50	38.5	38.96	40	40.79	39.5	40.43	43	41.50
7		7	39.2	40.33	37.7	38.16	38.2	38.17	38	39.03	42.5	42.11	39	41.00	39	39.53	40	41.21	39.5	41.00	42	40.93
8		8	39.8	40.44	37.5	38.09	38	38.36	38.5	38.96	44.5	41.90	40.5	41.21	38	39.89	40	41.64	38	41.71	43.5	40.57
9		9	42.2	40.40	38.2	38.59	38	38.71	41	38.89	46.5	40.97	41	40.93	38.5	40.03	41.5	41.64	39.5	42.71	41	40.36
10		10	40.4	40.23	38.5	39.16	34	39.26	40	38.49	40.5	39.83	40.5	40.79	38.5	40.31	41.5	41.43	40.5	42.71	40.5	40.50
11		11	41.5	40.67	38.1	39.44	38.7	40.61	40.2	38.13	39.5	39.40	42	40.21	38.7	40.74	41.5	41.29	42.5	42.57	40.5	40.57
12		12	39.2	40.24	38.8	39.57	39.8	41.51	38	37.61	41	39.47	43	40.36	41.5	40.86	41	41.27	43.5	42.29	40	40.21
13		13	40	39.39	38.3	39.60	40.5	41.83	37.5	37.69	40.3	39.54	41	40.07	42.5	40.54	43	40.84	43.5	42.00	39	40.14
14		14	40	38.60	37.2	39.49	39.5	42.40	37.5	38.26	41	39.50	40.5	39.93	41.5	40.19	43	39.93	44.5	41.43	39.5	40.29
15		15	39.5	38.10	41	39.73	40.5	42.90	38	38.37	38	39.04	38.5	39.79	39	39.97	40	39.57	45	40.71	42	40.50
16		16	41	38.17	42.2	39.20	41.8	43.03	38.2	38.51	38.5	38.97	40	40.00	40.5	40.04	40	39.57	39.5	40.07	42	40.43
17		17	43.5	37.99	40.5	38.69	43.5	42.73	37.5	38.63	37.5	38.83	36.5	38.46	41.5	40.11	40.5	39.57	39.5	39.79	41	40.29
18		18	38.5	37.36	39	38.54	45	42.47	36.6	38.77	40	38.83	43	39.53	39.5	39.90	41.4	39.29	40.5	39.57	38	40.14
19		19	33.2	37.26	39	38.80	42	41.76	38.5	38.83	41.5	38.33	41	39.24	39.3	40.04	38	38.80	41.5	39.07	39.5	40.36
20		20	34.5	37.94	37.5	39.20	44.5	41.61	41.5	38.76	40	37.64	40	38.96	40	40.29	36.6	38.80	39.5	38.57	40	40.21
21		21	36.5	38.30	38.9	39.63	43	41.04	38.3	38.61	37.8	37.07	39.5	38.67	40	40.57	40.5	38.86	39.5	38.50	41	40.00
22		22	40	38.44	37.3	39.71	41.4	40.44	39	38.83	37.5	36.81	40	38.53	39.5	40.79	40	38.43	40.5	38.43	41.5	39.57
23		23	39.7	38.01	38.6	39.96	39.7	40.24	39	38.61	37.5	36.81	29.2	38.17	41	40.81	40	38.00	37.5	38.21	41	39.14
24		24	39.1	37.56	39.5	39.94	41.7	40.29	38.5	38.40	37.5	36.89	44	39.29	40	40.89	38.5	37.57	38	38.50	40	38.93
25		25	37.8	36.97	40.8	39.79	40	40.04	37	38.19	36.5	36.96	41	38.14	40.5	40.74	38	37.36	37	38.57	39.5	38.93
26		26	38	36.91	41.8	39.39	41	40.07	38	38.40	36.7	37.49	39	37.50	41	40.39	38	37.36	38	38.64	38.5	38.86
27		27	37	36.84	40.5	38.77	40.5	39.43	40.5	38.29	36	37.57	38	37.29	42	40.03	37	37.57	39	38.71	38.5	38.57
28		28	37.5	36.84	39.5	38.41	38.8	38.89	39.8	37.69	36	37.93	38.5	37.33	41.5	39.46	37.5	38.21	39	38.71	38	38.57
29		29	37	36.63	39	38.27	40	38.54	37.5	37.21	37.5	38.57	37.5	36.97	39.7	39.53	37	38.67	39	38.64	38.5	38.50
30		30	36.5	36.66	38.5	38.06	40	38.04	37.5	36.93	38	39.00	37	37.33	41.5	39.31	37	38.89	39.5	38.57	39.5	38.64
31	July	1	35	36.91	38.4	38.03	40	37.69	37	36.86	38	39.29	36	37.69	39	38.67	37	38.03	38.5	38.43	40	38.43
32		2	37.4	37.41	38	37.97	40.2	37.26	38.5	36.89	40.2	37.79	36.5	37.97	38	38.39	38	37.53	37.5	38.00	39	38.43
33		3	37.5	37.71	37.5	38.04	36.5	36.80	37.2	36.89	37.3	37.47	37.5	38.33	38.5	38.24	39.5	36.53	38.5	37.71	36.5	38.71
34		4	37	38.24	38	38.19	36.7	37.23	36.3	36.93	38.5	37.50	38.3	38.47	38	38.17	41.5	35.96	39	37.57	38.5	39.00
35		5	36	38.46	38.5	38.27	36.4	37.34	36.5	36.97	40.5	37.21	36	38.57	42	38.31	40.7	35.31	38.5	37.36	37.5	39.00
36		6	37.2	38.56	37.5	38.20	36.5	37.30	35.5	36.66	40.5	36.93	40	38.57	38.2	37.96	38.5	34.79	38.5	37.21	39.5	38.79
37		7	38.3	38.46	38.3	38.24	37.5	37.27	37	36.61	40	36.71	39.5	37.00	37	37.93	31	34.36	38.5	36.93	38	38.36
38		8	38.5	38.41	38	38.10	37	37.20	37.2	36.40	27.5	36.71	38	36.07	37	38.00	33.5	35.29	35.5	36.64	40	38.29
39		9	39.5	38.20	38.5	38.10	37	37.06	38.5	36.56	38	38.21	39	35.54	37	38.00	31	36.00	35.5	36.93	41	37.94
40		10	41.2	37.99	38.5	37.87	39.5	36.84	37.5	36.81	37.5	37.93	38.5	34.54	38	38.00	35.5	37.21	37.5	37.43	38.5	37.54
41		11	38.5	37.74	38.6	37.90	37.5	36.36	36.6	36.96	36.5	37.86	39	33.40	39	37.86	37	36.93	37.5	37.50	38.5	37.47
42		12	36.7	37.60	38	38.06	36.1	36.31	34.3	37.04	38.5	38.21	36	32.69	39.5	37.50	37	36.36	37.5	37.50	36	37.40
43		13	36.5	37.71	37.8	37.81	36.3	36.50	35.2	37.43	39	38.14	29	32.76	38	37.07	35.5	36.14	36.5	37.50	36.5	37.40
44		14	38	38.14	37.3	37.34	37	36.67	35.5	37.47	40	38.00	33	33.76	37.5	36.93	37.5	36.07	36.5	37.64	37.5	37.47
45		15	37	37.93	38	37.09	36	36.67	38.3	37.47	38	38.00	34.3	33.97	37	36.69	38.5	35.71	37.5	37.71	37.6	37.26

S.No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	38	38.10	36.9	36.80	35.5	36.60	40.3	37.36	36	38.00	32	33.76	37	36.11	39.5	35.14	39	37.64	38.2	37.03	
47		17	39.5	38.24	38.7	36.47	36.1	36.81	38.5	36.96	37	38.00	30.5	33.83	37	35.61	33.5	34.57	38	37.43	38	36.86	
48		18	37.5	37.86	39.7	35.84	37.2	36.97	37.2	36.81	39	37.93	34	34.33	36.5	35.40	33	34.57	37.5	37.64	38	36.79	
49		19	37.5	37.86	36.3	35.39	37.4	36.94	37	36.79	38	37.64	36.5	34.61	36.5	35.04	35.5	35.07	37.5	37.79	36	36.79	
50		20	39.5	37.71	34.5	35.50	37.5	36.81	35.5	36.43	38	37.36	36	34.40	37	34.73	35	34.50	37.5	37.86	37	37.36	
51		21	36.5	37.43	35.5	36.43	37	36.67	35.5	36.64	40	37.07	34.5	34.26	35.8	34.51	35	33.86	37	37.79	36	37.71	
52		22	38.2	37.24	36	37.01	35.5	36.53	37.5	36.86	38	36.64	32.8	34.54	33	34.33	34.5	33.50	37	37.64	36	38.00	
53		23	39	36.79	34.6	37.20	37	36.91	37.5	37.14	36	36.43	32.5	34.57	33.5	34.76	35.5	33.50	37.5	37.71	37	38.29	
54		24	36.8	36.36	34.3	37.73	37.2	36.84	37.5	37.79	36.5	36.43	34	34.64	35.5	34.47	33.5	32.86	39.5	37.64	37.5	37.79	
55		25	37.5	35.81	36.5	38.14	37	37.53	37	37.93	37	36.24	36	34.71	34	35.19	36.5	32.57	38.5	37.43	38	37.29	
56		26	36.5	35.03	37.1	38.40	36.5	37.39	34.5	38.31	36	35.89	35	34.43	34.3	35.61	31.5	31.86	38	37.29	40	37.29	
57		27	37.5	34.53	41	38.79	36.5	37.17	37	38.89	36	35.60	35	34.50	35.5	36.00	30.5	31.79	37	37.21	39.5	37.00	
58		28	35.2	34.27	39.6	38.21	36	36.89	37	38.81	37	35.24	36.5	34.43	34.5	36.36	32.5	32.21	36	37.43	38	35.57	
59		29	35	34.53	37.3	37.84	38.2	36.67	39.5	38.87	36.5	34.74	33	34.14	36	36.57	34.5	32.57	37.5	37.93	38	35.64	
60		30	36	34.86	38.3	38.16	36.5	36.39	42	37.94	36	34.60	33	34.57	31.5	36.36	31	32.86	37	38.14	33.5	35.71	
61		31	33	35.07	37.2	38.01	42	36.63	38.5	37.23	35.2	34.53	34.5	35.21	40.5	36.79	31.5	33.29	38	38.71	34	36.07	
62		August	1	32	35.07	38.3	38.01	36	35.84	39.7	36.87	34.5	34.50	34	35.93	37	36.21	31.5	33.79	37.5	39.07	38	36.07
63			2	33	35.14	39.8	38.04	35	36.20	38.5	36.34	34	34.50	35.5	36.00	37	36.29	31	34.36	37.5	38.93	38	35.57
64			3	35.7	35.31	37	36.40	34.5	36.91	36.5	36.06	33.5	34.79	34.5	35.86	38	36.39	33.5	35.04	38.5	38.93	29.5	34.93
65			4	37	35.24	37	35.76	34.5	37.30	37.4	36.07	33.5	35.07	34.5	36.21	36	36.17	35	35.26	39.5	38.50	38.5	35.79
66			5	37.3	34.81	39.5	35.33	36.2	37.66	33	35.84	35.5	35.36	36	36.57	34.5	36.10	36.5	35.19	39	37.50	38.5	35.43
67			6	37.5	34.56	37.3	34.34	38.2	37.56	37	36.16	35.5	35.79	37.5	36.29	34.5	36.03	34	34.90	41	37.36	36	34.93
68			7	33	34.23	37.2	33.76	36.5	37.17	36	36.01	35	35.93	39.5	35.71	36.5	35.89	35	35.01	40.5	37.14	34	34.86
69			8	32.5	34.37	38.5	33.30	38.5	36.89	36	36.16	34.5	35.50	34.5	35.07	37.5	35.39	35.5	34.94	36.5	36.96	34.5	35.00
70			9	34.2	34.59	28.3	32.93	40	36.60	36.5	36.09	36	35.43	34.5	34.93	37.7	35.31	35.8	35.01	37.5	36.24	33.5	35.24
71			10	35.2	34.49	32.5	33.96	37.2	36.10	36.6	36.09	35.5	34.79	37	35.07	36.5	35.29	35	35.40	35.5	36.03	35.5	35.31
72			11	34	34.24	34	34.40	37	36.00	35.8	36.00	35.5	34.57	37	35.07	35.5	35.43	34.5	35.69	32.5	36.03	36	35.17
73			12	35.5	34.31	32.6	34.61	35.5	36.00	35.2	36.17	38.5	34.36	34	34.93	34	35.57	34.5	35.90	38	36.39	35	35.10
74			13	35.2	34.27	33.2	35.03	35.5	35.93	36	36.21	36.5	34.00	33.5	35.29	33.5	35.79	34.8	36.04	39.5	35.89	35.5	35.10
75			14	34	34.10	34	35.36	34.5	35.79	37	36.14	32	33.93	35	35.57	33	36.21	34.5	36.07	39.2	35.60	35	35.20
76			15	34	34.34	35.9	35.64	36.5	35.77	35.5	35.79	34	34.64	33.5	35.64	37	36.50	36	36.14	31.5	35.21	36.2	35.49
77	16		33.5	34.70	35.5	36.04	36.5	35.31	36.5	35.74	31.5	35.14	35.5	35.86	37.5	36.07	38.5	35.81	36	36.00	34	35.67	
78	17		33.5	35.20	35.6	36.47	36.5	35.17	36	35.53	34	35.79	37	35.86	37.5	35.79	37	35.53	35.5	36.29	34.5	36.17	
79	18		34.5	35.41	35.5	36.71	37	35.31	37	35.31	34	36.43	36	35.71	36.5	35.50	36	35.67	35	36.79	35.5	36.39	
80	19		35.2	35.69	35.5	37.21	35	35.90	35.5	34.81	36	37.36	36.5	35.64	35.5	35.71	35.5	36.24	34.5	37.36	35	36.34	
81	20		34	35.87	35.5	37.57	34.5	36.61	35.5	34.53	36	37.93	35.5	35.64	36.5	36.86	35	35.46	37.5	37.79	36.2	36.49	
82	21		35.7	36.23	36	37.71	34.4	37.19	34.5	34.46	37	38.36	35.5	35.71	35	37.00	35	35.17	36.5	37.64	37	36.46	
83	22		36.5	36.77	38.7	37.79	33.3	37.91	35.2	34.53	37.5	38.36	35	35.71	34	36.64	33.7	35.24	37	37.71	37.5	36.17	
84	23		37	36.66	38.5	37.47	35.5	38.20	35	34.71	36	38.29	35.5	35.57	35.5	36.76	36.5	35.64	38	37.89	37.5	35.81	
85	24		35	36.47	37.3	37.26	37.5	38.47	34.5	34.74	38.5	37.86	36	35.43	35.5	36.76	38	35.57	39	37.81	36	35.39	
86	25		36.4	36.43	39	37.29	41.1	38.19	33.5	34.81	40.5	37.36	35.5	35.21	38	36.97	40	35.29	39	37.24	35.2	35.17	
87	26		36.5		38		40		33.5		40		36.5		43.5		30		37.5		36		
88	27		36.5		36.5		38.5		35		39		36		37.5		33		36.5		36		
89	28		39.5		36.5		39.5		35		37		35.5		32.5		35.5		37		35		
90	29		35.7		36.5		35.3		36.5		37		34		34.8		36.5		38.2		35		
91	30		35.7		37		37.4		35.2		33		34.5		35.5		36		37.5		34.5		
92	31		34.7		37.5		35.5		35		35		34.5		37		36		35		34.5		

Table I.17. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for kakul

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	32	32.16	25.6	26.07	30.3	31.71	26.9	29.44	31	32.06	33.7	31.29	31.5	32.94	33	35.40	32	33.21	27.5	32.07
2		2	31.7	32.34	25	26.46	32.1	31.91	30.3	30.69	32	32.34	36	30.69	31.5	33.73	33.5	36.11	31.5	32.96	30.5	32.71
3		3	32.8	41.00	25	27.01	32.2	31.93	30.8	31.30	33	32.41	35	29.83	32.5	34.80	34.5	36.54	32	32.96	31.5	32.93
4		4	33.9	32.59	27.8	26.57	32.2	31.91	28.6	32.06	32	31.91	34	29.11	31.5	35.51	38.3	35.97	33	32.67	33	32.86
5		5	31.9	32.26	23.6	26.73	31.1	31.96	27.3	32.81	30	31.41	30	28.73	33.5	36.44	35.2	35.21	35	32.46	34.5	32.61
6		6	30.6	32.30	27.2	27.64	32.2	31.70	29.4	33.44	32.2	31.51	27.3	29.17	34.5	36.51	36.3	34.90	35	31.74	35	32.26
7		7	32.2	32.57	28.3	28.00	31.9	30.63	32.8	33.97	34.2	31.70	23	29.91	35.6	36.51	37	34.14	34	31.24	32.5	31.61
8		8	33.3	32.01	28.3	27.97	31.7	29.96	35.6	34.09	33	31.89	29.5	30.63	37	36.40	38	33.64	30.2	31.17	32	31.26
9		9	34	31.50	28.9	28.26	32.2	29.76	34.6	33.91	32.5	32.29	30	30.63	39	36.80	36.5	33.21	31.5	31.57	32	31.26
10		10	32.2	30.13	21.9	28.66	32.1	29.57	36.1	34.30	29.5	32.53	30	30.24	37.5	36.23	30.5	33.07	30	31.29	31	31.26
11		11	31.6	29.30	28.9	30.29	32.5	29.67	33.9	34.50	28.5	33.53	31.3	30.03	38	35.30	33	33.86	31.5	31.71	31.3	31.69
12		12	32.2	28.44	30	30.89	29.3	29.63	31.7	34.90	30.7	34.53	33.1	29.03	34	34.01	33	34.14	30	32.00	32	32.21
13		13	32.5	26.94	29.7	31.36	24.7	29.93	33.1	34.86	33.5	34.86	32.5	28.53	34.5	33.51	31	33.86	31.5	32.29	30.5	32.43
14		14	28.3	25.76	28.1	31.64	27.2	31.20	33.6	35.04	35.5	34.71	28	28.31	34.8	33.06	33.5	34.00	33.5	31.86	30	32.79
15		15	29.7	24.73	30.3	31.67	30.3	32.31	34.4	34.64	35.8	33.64	29.5	28.89	39.8	32.73	35	33.57	33	31.43	32	33.64
16		16	24.4	24.41	31.7	31.51	30.9	32.99	37.3	34.21	34.2	33.03	27.3	29.33	35	31.83	35.5	32.79	29.5	30.94	32	34.36
17		17	26.4	25.21	33.3	31.43	32.8	33.17	37.5	33.80	36.5	32.79	28.5	28.83	31	32.14	36	31.86	33	30.91	34	35.29
18		18	25.6	25.73	33.1	31.27	32.2	33.09	36.7	33.40	35.5	32.07	24.3	29.01	29	32.64	35	31.14	33.5	30.56	35	36.14
19		19	21.7	26.31	33.3	31.34	31.4	33.29	31.4	33.11	33	31.50	29.6	29.64	30.5	32.71	31	30.86	32	29.70	33.5	36.57
20		20	24.2	27.59	31.7	31.19	33.6	33.69	34.4	33.79	32.5	31.43	31	29.70	31.3	32.71	32	31.14	28.5	29.34	33	37.00
21		21	21.1	28.41	28.3	31.39	35	33.96	30.8	34.19	28	31.57	32	28.64	32.5	32.56	30.5	31.29	30.5	29.49	36	37.57
22		22	27.5	29.77	29.2	31.59	35	34.13	31.4	34.94	31.5	32.17	32.6	28.43	33.5	32.34	29.5	31.29	29.6	29.41	37	37.21
23		23	30	30.27	31.1	31.24	32.2	34.04	34.4	35.40	32.5	32.24	23.8	28.20	37.2	32.06	29	31.50	29.3	29.69	38.5	36.64
24		24	30	29.84	32.2	30.61	32.2	34.04	34.7	34.89	31.5	31.81	29.8	29.51	34.5	31.29	31	31.79	30.5	30.29	40	35.29
25		25	29.7	28.96	33.6	30.06	33.6	33.81	34.7	34.69	31.5	30.90	28.7	30.07	29.5	31.16	33	31.64	27.5	30.86	38	34.00
26		26	30.6	28.67	32.2	29.54	34.2	33.34	36.1	34.57	32.5	30.26	30	31.11	30.5	31.94	33	31.43	29.5	31.79	36.5	32.81
27		27	30	28.34	33.1	29.43	35.5	32.70	37.2	34.06	33.5	29.77	23.6	31.83	30.2	32.79	33	31.50	29.5	32.29	37	31.67
28		28	30.6	28.26	29.7	29.43	36.2	32.11	36.1	32.94	32.2	29.34	30.5	33.31	31	33.54	30.5	31.57	30	32.43	33.5	30.46
29		29	31	27.86	26.8	30.00	34.4	31.47	34.6	32.03	32	29.10	31	33.24	31.5	33.90	31	31.71	31.5	32.64	33	30.17
30		30	27	27.41	26.7	30.97	32.2	31.16	30.8	31.33	29.5	29.10	33	32.71	31.8	33.97	31	31.21	33.5	32.61	29	29.74
31	July	1	23.8	27.60	28.3	32.00	30.6	30.96	33.3	31.26	25.1	29.67	33.7	31.29	33.6	33.76	30	30.86	34.5	32.29	31	29.74
32		2	27.7	28.53	30	32.71	30.3	31.11	33.9	31.10	27	31.01	36	30.69	35	33.53	31.5	30.71	34	32.21	29.7	29.31
33		3	28.3	29.01	31.4	33.19	29.7	31.54	32.5	31.10	29.1	31.67	35	29.83	36.4	33.20	33.5	30.64	33	32.03	28.5	28.80
34		4	29.4	29.47	33.1	33.24	31.4	31.94	29.4	31.57	30.5	31.61	34	29.11	35.5	32.79	33.5	29.93	30.5	31.60	28.5	29.40
35		5	27.8	29.83	33.7	32.89	31.7	31.90	29.7	32.37	30.5	31.69	30	28.73	33.5	32.29	31.5	29.29	31.5	31.70	31.5	29.83
36		6	27.9	30.46	33.6	32.04	32.2	31.50	29.7	32.61	32	31.69	27.3	29.17	32	32.29	27.5	28.93	31.3	31.84	30	29.69
37		7	28.3	30.91	33.9	31.53	30.8	30.59	30.3	32.21	33.5	30.69	23	29.91	30.3	32.71	28.5	29.14	31.2	31.80	29	28.69
38		8	30.3	30.60	33.3	31.01	31.7	29.84	32.2	31.91	34.5	29.83	29.5	30.63	32	33.36	29	29.00	34	31.86	28	28.19
39		9	31.1	30.24	33.3	30.46	33.3	29.51	33.9	31.76	31.6	29.19	30	30.63	32.7	33.80	31	29.29	32.7	31.29	26.1	28.33
40		10	31.5	29.10	31.8	29.71	32.5	29.00	35.8	31.64	28.7	29.03	30	30.24	33.5	34.07	28.5	29.36	30	31.09	32.7	28.46
41		11	31.9	28.64	30.6	29.19	31.1	28.04	35	31.06	31	29.29	31.3	30.03	32	34.29	29	29.36	31.2	31.01	31.5	27.79
42		12	32.2	28.33	27.8	29.21	28.9	27.73	31.4	30.30	30.5	29.00	33.1	29.03	33.5	34.07	29	29.57	32.5	30.99	30.5	27.47
43		13	31.1	28.21	30	29.61	25.8	27.90	26.9	29.79	25	28.79	32.5	28.53	35	33.93	29	29.79	31	30.57	23	27.47
44		14	26.1	28.30	30.3	29.26	25.6	28.46	28.2	29.67	27.5	29.60	28	28.31	34.8	33.71	27.5	30.07	31.6	30.50	25.5	28.61
45		15	27.8	29.06	29.4	28.81	29.4	29.06	31.1	29.73	30	29.81	29.5	28.89	35.1	33.39	31	30.71	30	30.34	29	29.19
46		16	23.1	29.37	28.1	28.63	29.7	29.06	33.1	29.26	30.5	29.46	27.3	29.33	34.6	32.66	31.5	30.24	31.3	30.56	27	29.37

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
47	July	17	28.3	30.36	28.1	28.34	25.8	29.14	31.7	28.66	30.5	28.39	28.5	29.51	35	32.07	28.5	29.60	29.5	30.59	28	29.83	
48		18	29.7	30.54	30.8	28.30	28.9	29.74	29.7	28.33	29	27.46	24.3	29.70	30.5	31.21	30.5	29.81	31	30.94	29.3	30.11	
49		19	31.4	30.74	30.6	28.03	30.1	29.86	27.8	28.49	29	26.93	29.6	30.33	32.5	31.29	30.5	29.60	29.6	31.37	30.5	30.30	
50		20	31.7	30.63	27.5	27.70	29.7	30.00	26.1	28.80	30.7	27.00	31	30.39	33.5	31.21	31	29.53	30.5	32.00	31	30.44	
51		21	31.4	30.63	27.2	27.79	29.8	30.00	28.6	29.61	29	26.83	32	30.04	32.5	30.93	32	29.46	30.5	32.43	29.5	30.30	
52		22	30	30.67	28.1	27.83	29.4	30.23	27.8	30.21	27.5	27.04	32.6	29.83	30	30.46	27.7	29.24	31.5	32.71	30.3	30.09	
53		23	30	30.67	26.1	27.70	30.3	30.59	28.9	30.49	23	27.47	28.6	29.60	30.5	30.53	27	29.57	31.5	32.57	30.2	30.04	
54		24	29.6	30.23	27.8	27.46	30	30.79	29.4	29.93	24	28.11	29.8	30.23	29	30.53	30	30.14	32	32.21	30	29.87	
55		25	31.1	30.06	28.9	27.37	29.7	30.83	30.8	29.30	25.3	28.54	28.7	25.97	31	30.67	29	30.14	34	31.71	30.6	29.84	
56		26	30.6	29.81	28.3	27.13	31.1	30.76	30	28.63	29.5	28.36	30	26.04	32	30.70	30	30.43	34	31.07	31.5	29.83	
57		27	31.7	29.10	28.1	27.17	29.7	30.76	31.8	27.91	29.5	27.67	28.6	26.07	31.5	30.63	30.5	30.21	33.5	30.07	30	29.69	
58		28	31.7	28.30	27.5	27.33	31.4	30.96	32.8	27.66	30.5	27.17	30.5	26.49	29.2	30.63	30.5	29.79	32.5	29.33	28	29.83	
59		29	30	27.74	27.2	27.29	31.9	31.07	29.7	26.94	30.5	26.74	31	26.50	30.5	31.17	30	29.40	30.5	28.14	30	30.40	
60		30	26.9	27.50	24.4	27.53	31.7	30.89	25	26.94	27.5	26.31	33	25.89	30.5	31.13	31	28.83	29	28.21	29	30.47	
61		31	28.4	27.86	27.2	28.29	30.3	30.76	25	27.66	27	26.53	—	25.39	30	30.84	30	28.40	28.5	28.63	29.8	30.30	
62		August	1	29.4	27.53	27.2	28.64	29.2	30.60	26.1	28.26	24	26.89	29.2	28.71	31.2	30.20	31	28.47	29.5	28.99	30.5	30.26
63			2	25.6	27.37	28.6	29.29	31.1	30.47	25	28.26	24.7	27.46	30.2	28.61	31.5	29.89	28.5	28.40	27	28.94	30.5	29.54
64			3	26.1	27.73	29.2	29.40	31.1	30.16	30	28.73	26	28.29	31.5	28.47	31.5	29.53	27.5	28.69	28.3	29.20	31	28.76
65			4	27.8	28.19	27.2	29.11	32.2	30.11	27.8	28.57	27.5	28.59	30.6	27.97	33	28.89	27.8	29.04	24.2	29.24	32	28.40
66			5	28.3	28.19	28.9	29.31	30.6	29.71	29.7	28.57	27.5	28.51	26.7	27.84	30.2	28.46	26	29.14	31	30.03	30.5	27.97
67			6	29.4	28.03	29.7	29.11	30.8	29.47	30	28.30	29	28.44	29.5	28.39	28.5	28.57	28	29.64	31.9	29.70	27.8	27.90
68			7	26.1	28.01	29.7	28.20	29.2	29.20	29.2	27.90	29.5	28.23	23.3	28.47	25.5	28.43	30.5	30.00	31	29.39	29.5	28.36
69			8	28.3	28.33	31.7	27.79	28.3	29.07	26.1	27.54	28	28.09	28.5	29.61	29	28.07	30.5	29.93	29.2	29.24	25.5	28.50
70			9	28.1	27.56	29.4	27.19	28.9	28.96	28.3	27.74	30.5	28.37	29.2	29.23	29	27.29	30.5	29.86	28.8	29.44	25	29.36
71			10	29.3	27.21	27.2	27.07	30.8	28.36	28.9	27.83	28.1	28.09	28	28.29	27	27.00	30	29.71	28.6	29.76	28.5	30.43
72			11	27.8	26.69	28.6	27.36	29.4	28.13	27.8	27.91	27	28.29	29.7	28.47	30	27.29	28.5	29.64	29.7	29.61	29	30.50
73			12	27.2	26.80	27.5	27.64	28.9	27.41	27.8	28.14	27	28.63	30.5	28.59	31	27.21	29.5	29.93	28.7	28.87	30	30.64
74			13	29.3	26.89	23.3	28.09	28.9	27.41	27.2	28.60	27.5	29.06	30.1	28.59	27.5	27.14	30.5	29.86	29.7	28.70	31	30.50
75			14	28.3	26.74	26.8	29.09	28.3	27.53	26.7	28.89	28.5	29.34	31.3	28.79	23	27.54	30	29.14	30	28.53	30.5	30.46
76			15	22.9	26.67	27.5	29.50	27.5	27.46	27.5	29.20	30	29.63	25.8	28.74	23.5	28.61	30	28.50	30.6	28.24	31.5	30.31
77			16	25.7	27.44	28.6	29.81	24.7	27.70	28.9	29.09	28.5	29.49	22.6	29.27	27	29.33	29.5	28.29	31	28.16	32.5	29.96
78	17		25.6	27.34	29.2	28.83	29.2	28.14	29.5	29.16	29.5	29.49	29.3	29.87	29	28.90	29.5	28.21	27.6	28.01	29	29.39	
79	18		28.6	27.50	30.6	28.70	24.4	27.39	29.4	29.11	29.4	29.49	30.5	29.31	29.5	28.83	30.5	28.36	24.5	28.43	30	29.53	
80	19		27.8	27.26	30.6	28.30	28.9	28.14	31	29.16	30	29.64	30.5	29.10	30.5	28.83	29	28.43	27.5	29.21	29	29.60	
81	20		28.3	27.41	30.3	27.61	29.7	28.21	29.2	28.21	29.5	29.79	31.5	29.07	30.3	28.04	25.5	28.61	28.5	29.29	30.7	29.81	
82	21		27.8	27.61	29.7	26.90	27.8	28.06	28.9	27.81	30.5	30.07	31	28.90	30.5	27.57	25.5	29.19	28	29.36	29.5	29.79	
83	22		28.3	27.97	29.7	26.34	29.2	28.14	26.7	27.01	29	30.21	29.5	28.90	28.5	27.14	28.5	29.69	30	29.57	29	29.64	
84	23		25	28.26	21.7	25.46	27.8	28.03	29.4	27.09	28.5	30.57	26.8	29.21	24	27.43	29	29.83	30	29.57	28.5	29.29	
85	24		26.7	28.86	28.3	26.01	23.9	28.14	29.2	26.57	29.5	30.71	25.4	29.96	28.5	28.24	30.5	29.76	30.5	29.71	30	29.43	
86	25		26.9	29.17	27.8	26.01	29.7	28.86	29.7	26.53	30.5	30.74	29	30.69	29.5	27.93	31	29.64	30	29.64	30.5	29.57	
87	26		28.9		25.8		29.4		24.4			31		30.3		25		30.3		28		30.5	
88	27		29.7		25.3		28.6		26.4		31.5		30.3		27		29.5		29		30.5		
89	28		30.3		25.8		28.4		23.3		31.5		31		27.5		29		29.5		28.5		
90	29		30.3		23.5		28.4		27.2		31.5		31.7		30.5		29.5		30		26.5		
91	30		29.2		25.6		28.6		25.8		29.5		32		29.7		28.5		31		29.5		
92	31		28.9		28.3		28.9		28.9		29.7		30.5		26.3		29.7		30		31		

Table I.18. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Karachi

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	35.5	34.57	33.5	32.16	35	35.37	34.2	34.07	34.5	36.14	34.3	34.63	34.5	34.31	34	34.64	35	34.50	38	36.33
2		2	35	34.73	23.8	32.23	35	35.30	34.2	34.07	34.3	37.71	34.3	34.77	35	34.24	35.5	34.71	35.5	34.53	35.2	35.76
3		3	33.8	41.00	33	33.61	35	35.59	34	34.16	35	38.19	34.5	34.91	35	34.10	34.5	34.50	35	34.53	35	35.73
4		4	33.9	35.61	32	33.74	35.6	36.23	33.5	34.23	35	38.23	34.5	35.03	34	33.96	34.5	34.50	34	35.10	36	35.76
5		5	34	35.90	33.7	33.99	36	36.07	34.2	34.51	36.3	38.13	33.3	35.14	34	33.96	34.5	34.50	33.5	36.46	36.5	35.54
6		6	34.5	36.11	34.8	34.01	36.3	35.93	34	35.26	37.6	37.94	36.2	35.53	33.5	34.10	35	34.51	34.5	37.33	37.4	35.37
7		7	35.3	36.51	34.3	33.81	34.7	35.74	34.4	35.50	40.3	37.36	35.3	35.71	34.2	34.46	34.5	34.51	34	38.33	36.2	35.17
8		8	36.6	36.94	34	33.70	34.5	35.80	34.2	35.51	45.5	36.53	35.3	36.00	34	34.64	34.5	34.66	35.2	39.00	34	35.07
9		9	35.5	37.30	33.5	34.13	37	35.87	34.8	35.63	37.6	34.93	35.3	36.17	34	34.86	34	34.73	35.5	39.04	35	35.07
10		10	39.5	37.67	33.9	34.43	39.5	36.73	34.5	35.53	35.3	34.27	35.3	36.46	34	35.21	34.5	34.87	39	39.11	35.2	34.93
11		11	35.9	37.97	33.7	34.59	34.5	37.41	35.5	35.47	34.3	33.87	35.3	36.17	34	35.61	34.5	35.01	43.5	38.83	34.5	34.83
12		12	35.5	38.31	33.9	34.73	35	37.91	39.4	35.14	35	34.47	36	35.89	35	36.33	34.6	35.30	39.6	37.54	35.3	34.90
13		13	37.3	39.03	33.4	34.80	35	37.91	35.7	34.41	33.5	34.37	37.5	35.64	36	36.40	35	35.50	41.5	36.84	36	34.89
14		14	38.3	38.96	33.5	34.91	35.1	37.99	34.5	34.49	34.5	34.37	37.3	35.19	35.5	36.40	35.5	35.71	38.7	35.91	35.5	35.29
15		15	39.1	38.46	37	35.17	35	38.11	35	34.59	34.3	34.16	36.5	34.79	35.5	36.47	35	35.71	35.5	35.31	34	36.04
16		16	38.1	37.77	35.6	35.54	43	38.07	34.1	34.44	33	34.04	37.3	34.47	36.5	36.44	35	35.79	36	35.17	34	37.21
17		17	41.6	37.19	35	35.93	44.3	36.90	34.1	34.46	32.5	34.09	33.3	34.04	36.8	36.37	35.5	35.79	37	34.81	34.5	37.86
18		18	38.3	36.11	34.7	36.01	38	35.57	33.2	34.47	38.5	34.23	33.3	34.47	39	36.14	36.5	35.57	34.5	34.26	35	38.00
19		19	40.5	35.57	34.4	36.20	35	35.14	34.3	34.53	34.3	33.53	34.3	34.61	35.5	35.47	36	35.43	34.7	34.19	35.2	38.14
20		20	36.8	34.21	34.2	34.91	35.5	35.17	36.2	34.51	33.5	33.34	34.3	34.57	36	35.33	36.5	35.21	35	34.09	38.8	38.16
21		21	34.8	33.81	35.3	34.93	36	35.03	35.2	34.34	33	33.31	34.5	34.57	36	35.11	35.5	34.93	34.5	34.00	40.8	37.61
22		22	34.3	33.70	39.6	34.86	34.7	34.89	34	34.24	33.5	33.21	34.3	34.54	35.3	34.97	35.5	34.79	34.5	34.07	42.2	36.71
23		23	34	33.44	38.3	34.03	34.8	35.04	34.2	34.17	33.3	33.33	34.3	34.57	36	34.89	35	34.71	33.5	34.17	38.5	35.76
24		24	34.1	33.09	35.6	33.51	35	35.14	34.2	34.04	33.5	33.50	36.3	34.24	35.2	34.64	34	34.43	33.1	34.30	35.5	35.33
25		25	34.5	32.71	36	33.31	35	35.43	33.6	33.80	33.6	33.61	34.3	33.63	34.3	34.40	35.5	34.43	34	34.57	36	35.33
26		26	31	32.64	25.4	33.16	35.2	35.83	34.2	33.76	33	34.10	34	33.61	34.5	34.29	34.5	34.39	34	34.57	35.3	34.97
27		27	34	33.07	34.3	34.46	34.5	36.23	35	33.37	33.3	34.53	34.3	33.69	34.5	34.29	34.5	34.89	34.4	34.59	35	34.79
28		28	34	33.03	34.8	34.57	35	36.59	34.5	32.99	32.3	34.70	34.3	33.54	35	34.14	34.5	35.53	35	34.67	34.5	34.64
29		29	32.5	32.89	33.8	34.53	35.8	36.49	33.5	32.94	34.3	35.01	34.5	33.57	34.7	34.14	35	35.81	35.2	35.31	35.5	34.50
30		30	31.5	33.10	34.7	34.63	35.5	36.16	33.3	33.09	34.5	35.30	32	33.71	34.3	34.09	33	36.03	34.4	35.21	35.5	34.43
31	July	1	31.5	33.51	34.2	34.49	37	35.80	32.5	33.33	34.3	35.23	32	34.07	33.5	33.83	34	36.03	35	35.94	35.5	34.36
32		2	34	34.01	34.9	34.60	37.8	35.29	33.3	33.71	37	35.26	34.2	34.43	33.5	33.76	35.2	36.46	34	35.54	33.5	34.21
33		3	34	34.24	34.5	34.77	38	34.31	31.5	33.99	36	34.73	34.5	34.44	34.5	33.73	38	36.00	34.1	35.40	34	34.29
34		4	33.7	34.67	35.1	34.81	37	33.74	32.3	34.49	34.5	34.30	33.3	34.59	33.5	33.51	39	35.37	35	35.30	34	34.29
35		5	33	34.79	34.5	34.70	34.3	33.24	34.2	34.76	34.5	34.10	34.5	34.90	35	33.44	36.5	34.66	39.5	35.26	33.5	34.21
36		6	34	34.87	34.5	34.76	33.5	33.20	34.5	34.30	36.3	34.07	35.5	34.69	34.3	33.20	36.5	34.44	34.5	34.33	35	34.21
37		7	34.4	34.76	33.7	34.76	33	33.27	35	33.80	34	33.79	34.5	33.70	32.5	32.94	33	34.09	39.5	33.79	35	34.00
38		8	35	34.63	35	34.87	33.4	33.41	35.2	33.39	34.5	33.84	34.5	33.24	33	32.83	37	34.37	32.2	32.86	34.5	33.79
39		9	35.6	34.43	36.1	34.79	31	33.36	35.2	33.14	33.3	33.63	34.3	32.89	33.3	32.61	32	34.59	33	32.89	34	33.79
40		10	37	34.47	34.8	34.56	34	33.79	35	32.94	33	33.56	35.5	32.31	33	32.43	33.6	35.20	33.4	32.93	34	33.43
41		11	34.5	34.70	34.3	34.54	33.5	33.50	34.2	32.70	33.1	33.46	35.5	31.46	33	32.33	34	35.61	34.7	32.94	33.5	33.14
42		12	33.6	35.41	34.9	34.64	34	33.29	31	32.60	34.3	33.37	33	30.53	33.3	32.19	35	35.64	33	32.74	33.5	33.07
43		13	33.2	35.83	34.5	34.53	34	33.14	31	33.03	34.3	33.09	28.6	30.29	32.5	32.07	34	35.50	30.7	32.81	33.5	33.00
44		14	33.5	35.99	34.5	34.54	34	33.07	32.1	33.20	34.4	32.81	31.3	30.60	31.7	32.07	35	35.43	33	33.19	33.5	32.79
45		15	33.6	35.84	34.4	34.34	33	32.79	33.5	33.19	33	31.76	32	30.49	31.5	32.04	38.5	35.36	32.4	33.26	34.5	32.63
46		16	35.9	35.87	34.5	34.03	34	32.64	33.8	33.06	32.8	31.59	30.3	30.13	32	31.87	36.3	34.64	33.3	33.34	31.5	32.27

S.No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
47	July	17	38.6	35.60	34.7	33.80	32	32.41	33.3	32.87	32.3	31.33	29.5	30.23	32.3	31.71	36.5	34.17	33.5	33.33	32	32.34	
48		18	39.5	34.80	35	33.34	32	32.49	33.5	32.80	32.5	31.20	29	30.66	32	31.71	34.2	33.70	33.3	33.40	33	32.34	
49		19	36.5	33.84	34.1	33.13	33	32.27	34	32.69	32.3	31.17	31.3	31.30	32.5	31.43	34	33.53	33.5	33.50	33	32.37	
50		20	34.3	33.27	34.6	33.07	33.5	31.87	32.2	32.29	32.4	31.20	30.8	31.44	32.5	31.07	33.5	33.10	33.3	33.47	32	32.39	
51		21	32.5	32.94	33.1	33.16	32	31.66	32	32.14	27	31.19	30.5	31.56	31.5	30.79	34.5	32.74	33.5	33.43	32.4	32.36	
52		22	33.8	32.80	32.2	33.29	32	31.37	32.6	32.00	31.8	31.83	29.5	31.84	30.3	30.57	33.5	32.39	33	33.33	32	32.51	
53		23	34	32.26	32.9	33.19	32.4	31.53	32.5	31.80	31	31.83	31	32.10	30.9	30.60	33	32.39	33.2	33.40	32	32.23	
54		24	33	31.79	31.5	33.20	32.5	31.61	32.8	32.04	31.4	31.97	32.5	31.89	32.3	30.54	33.2	32.10	34	33.44	32	32.44	
55		25	32.8	32.71	33.5	33.70	30.5	32.26	32.7	32.13	32.3	32.06	33.5	31.67	30	30.50	33	31.50	34	33.37	33.2	32.69	
56		26	32.5	32.17	33.7	33.86	30.2	32.90	31.2	32.21	32.5	31.73	32.3	31.60	30	30.79	31	31.21	33.3	33.23	33.1	32.73	
57		27	32	31.74	35.2	34.04	32	33.09	31.2	32.51	32.3	31.41	31.6	31.56	30.5	31.14	31	31.07	33	33.11	31.8	32.79	
58		28	31.5	31.80	34	33.80	30	33.01	31	32.81	31.5	31.10	32.5	31.37	30	31.50	32	31.14	32.8	32.83	33.5	33.03	
59		29	30	31.90	31.5	33.70	33.1	33.30	31.2	33.07	31.8	30.89	31.3	31.16	30.5	31.71	33.5	31.21	33.5	32.91	30	33.10	
60		30	30.7	32.30	33	34.06	33	32.86	34.2	33.09	32	30.84	29.5	31.54	30.5	31.71	31	30.86	33.5	33.03	33.5	33.60	
61		31	39.5	32.57	35	34.21	37	32.64	33.4	32.96	32	30.70	31	32.50	32	31.97	29	31.07	33.5	33.60	33.7	33.50	
62		August	1	29	31.14	34.6	34.10	35	31.64	33.3	32.83	30	30.49	33	33.00	32	31.97	31	31.71	33	33.57	33.5	33.19
63			2	29.5	31.40	35	33.87	31.5	31.21	33.3	32.57	30.3	30.53	32	33.04	32.5	32.03	30	32.29	32.5	33.71	33.5	33.00
64			3	32.4	31.61	33.5	33.09	31.5	31.57	33.3	32.46	30.1	30.70	30.3	32.83	33	32.00	31.5	32.86	31	33.71	33.5	32.79
65			4	32.2	31.06	33.3	32.79	32	31.77	32.8	32.46	30	30.69	31	33.21	31.5	31.86	32.5	32.93	33.4	33.64	34	32.71
66			5	32.8	29.74	34	32.67	30	32.13	31.3	32.53	31.5	30.76	34	33.57	30.5	31.93	31	33.14	34.3	33.56	33.5	32.57
67			6	32.6	29.49	34.1	31.99	31.5	32.70	33.3	32.81	31	31.44	36.2	33.43	32.3	31.79	32.5	33.50	37.5	33.37	32.8	32.21
68			7	29.5	29.11	34.2	31.47	30	32.83	32.5	32.59	30.5	32.20	34.5	32.87	32	31.31	33.5	33.64	33.3	32.73	31.5	31.96
69			8	30.8	29.04	33	30.87	32	32.90	31.5	32.56	30.3	32.06	33.3	32.73	32.4	30.89	35	33.57	34	32.69	32.2	32.00
70			9	31	28.86	29.5	30.77	34	32.90	32.5	32.53	31.5	32.07	30.5	32.33	32.3	30.54	34	33.46	32.5	32.61	32	32.04
71			10	28.5	28.81	31.4	31.34	32.9	32.44	33.3	32.49	30	31.76	33	32.66	32	30.54	32	33.17	30.5	32.76	33	31.97
72			11	23	29.23	32.5	31.56	34.5	32.10	33.3	32.20	30.5	32.07	33.5	32.54	32	30.54	34	33.39	32.8	32.97	33	31.76
73			12	31	30.23	29.2	31.34	34	31.67	33.3	31.91	36.3	31.89	33	32.33	29.5	30.54	33.5	33.03	33	32.79	31	31.61
74			13	30	30.27	30.5	31.57	32.4	31.27	31.7	31.79	36.3	30.99	32.3	32.09	29	30.61	33.5	32.74	33	32.57	31	31.76
75			14	29	30.37	30	31.87	30.5	30.93	32.3	31.87	29.5	30.41	33.5	31.97	29	31.04	33	32.39	33	32.61	31.8	31.93
76			15	29.5	30.87	32.3	32.59	32	31.00	31.3	31.87	30.4	30.86	30.5	31.76	30	31.23	34.2	32.10	33.5	32.47	32.5	32.10
77			16	30.7	31.29	33.5	33.19	30.8	30.74	32.2	32.00	29.3	31.01	32.8	32.01	32.3	31.37	32	31.93	33.5	32.33	31.5	32.31
78	17		31.4	31.44	32.9	33.66	30.5	31.06	31.3	32.01	32.2	31.33	32.2	31.97	32	31.30	33.5	32.29	32	32.26	31.5	32.10	
79	18		30	31.31	31	33.96	31.5	31.91	31.3	32.04	29.2	31.77	32	31.99	32	31.51	31.5	32.50	31.5	32.33	32	32.24	
80	19		31.3	31.64	30.8	35.03	31.2	32.70	32.4	32.07	30	32.90	31.3	32.06	30	31.80	31.5	33.07	31.5	32.47	32	32.10	
81	20		30.7	31.89	32.6	35.61	30	33.24	32.3	31.77	32.3	33.76	31.5	32.30	32	32.99	31	32.93	33.3	32.63	32.2	32.03	
82	21		32.5	32.16	35	35.60	31	33.74	32.3	31.73	32.6	35.09	32	32.41	30.3	33.63	31	32.86	32	32.44	33	31.93	
83	22		32.4	32.23	36.5	35.40	30.2	34.27	32.2	31.90	31.5	35.47	32.3	32.37	31	33.44	33	33.07	32.5	32.44	34	31.50	
84	23		31.8	32.30	36.8	35.00	33	34.81	32.3	32.06	31.5	35.61	32.5	32.23	31.8	33.16	34.5	33.04	33	32.37	30	31.21	
85	24		30.5	32.26	35	34.53	36.5	34.81	31.5	32.01	35.3	35.40	32.3	31.90	33.5	33.04	35	32.83	32.5	32.09	32.5	31.57	
86	25		32.3	32.30	38.5	34.29	37	34.10	31.5	32.16	37.1	34.90	32.5	31.50	34	32.54	35.5	32.33	32.5	31.87	31	31.57	
87	26		33		34.9		35		30.3		36		33		38.3		30.5		32.6			31.5	
88	27		32.6		32.5		33.5		32		41.6		32.3		36.5		30.5		32		31.5		
89	28		33		33.6		34.7		33.5		35.3		31.7		29		32.5		32		30		
90	29		32.9		33.7		34		33.3		32.5		31.3		29		32.8		32		32		
91	30		31.5		33.5		33		32		30		30.2		31		33		31		32.5		
92	31		30.8		33.3		31.5		32.5		31.8		29.5		30		31.5		31		32.5		

Table I.19. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Lahore

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	42.7	41.26	37.3	35.23	44.2	41.96	34.7	35.83	38	39.01	41.3	38.30	36.8	37.64	42.2	43.87	42	40.86	38.4	41.27
2		2	42.4	41.01	34.5	34.93	42	41.79	38.5	36.73	40.8	38.66	41.3	37.19	34.4	38.59	42.6	44.33	40.4	39.54	40.1	41.14
3		3	43	41.00	33.5	35.54	42.9	41.57	38.2	36.96	41.5	37.90	41.4	36.47	37.4	39.89	43	43.91	39.8	38.63	41.5	40.93
4		4	44.9	39.13	33	35.54	40	41.20	35.5	37.50	40.8	36.54	39.5	35.84	35	40.51	44.8	42.73	41.5	38.03	42.3	40.83
5		5	39.5	38.04	34.8	36.27	41.5	40.01	29.5	37.89	33.6	35.64	36.5	35.80	39.2	41.41	45.3	41.83	42.5	36.87	43.1	40.03
6		6	37.3	38.26	35.5	37.06	42.1	38.86	35.7	39.41	39.2	36.43	33	36.09	40.7	41.64	44.1	41.16	40.8	35.84	44.2	39.40
7		7	39	38.83	38	36.56	41	37.34	38.7	39.64	39.2	36.77	35.1	36.70	40	41.33	45.1	40.60	39	35.54	39.3	38.73
8		8	41	37.90	35.2	36.39	43	36.54	41	39.79	35.5	37.17	33.5	37.44	43.4	41.24	45.4	40.20	32.8	35.46	37.5	38.30
9		9	39.6	37.11	38.8	37.14	40.5	35.83	40.1	39.87	35.5	37.90	36.3	37.11	43.5	40.24	39.7	39.90	34	35.83	38.6	38.56
10		10	32.6	36.89	33.5	37.57	40.3	35.80	42	40.23	32	38.69	37	36.29	41.8	39.94	34.7	40.41	35.6	35.97	40.8	38.97
11		11	37.3	36.80	38.1	38.96	31.7	35.96	38.2	40.10	34.5	39.90	39.2	35.93	41.3	39.01	38.5	41.70	33.4	36.47	36.7	39.16
12		12	41	35.86	40.3	39.47	33.4	36.63	40.2	40.39	39.1	40.63	38.5	34.69	40.8	38.04	40.6	41.99	35.3	37.10	38.7	40.06
13		13	41.3	33.89	32	39.51	31.5	37.57	37.3	40.24	41.6	40.94	37.3	34.20	38.5	37.56	40.2	41.11	38.7	36.83	39.5	40.64
14		14	32.5	31.91	36.8	40.16	35.4	39.21	39.7	40.27	42	40.63	40.3	34.14	39.4	37.27	42.3	40.56	38.4	36.44	36.3	41.14
15		15	35.5	31.37	40.5	39.44	38	40.59	41.6	39.13	40.6	40.13	31.2	33.91	36.4	37.36	43.3	39.89	35.4	35.67	39.3	42.37
16		16	38	30.87	41.8	39.16	40.3	41.51	42.6	37.94	41	39.97	30.5	34.87	41.4	38.19	43.3	39.11	35	35.56	41.5	43.09
17		17	32	30.33	43.2	38.87	41.4	41.57	41.1	37.19	40.5	38.83	34.5	34.81	35.3	38.34	43.7	38.60	39.1	35.33	42.1	43.49
18		18	30.7	30.80	41.7	38.61	36.4	41.64	40.2	36.67	39.6	38.10	30.5	34.43	34.5	39.16	40.5	37.30	37.8	34.94	43	43.93
19		19	27.2	31.49	40.6	38.06	40	42.30	39.2	36.57	41.3	37.73	35.1	35.10	37.4	39.69	34.5	37.03	33.4	34.19	42.8	43.76
20		20	27.5	32.70	36.5	37.93	43	42.79	37.5	36.64	39.4	37.46	36.9	33.84	36.5	39.40	36.3	36.64	36	34.50	43	43.61
21		21	28.7	34.11	31.8	38.00	45	42.87	31.7	36.96	38.5	37.31	38.7	33.61	40	39.54	37.6	36.74	33	34.36	44.9	42.77
22		22	32	35.37	38.5	37.89	44.5	42.43	33.3	38.14	39.5	37.46	37.9	33.30	42.2	38.83	37.9	36.57	34.6	34.89	44.3	41.79
23		23	34.2	36.30	39.8	37.13	40.7	41.21	37.3	38.69	33	37.03	30.1	33.16	42.5	37.97	39.7	36.20	33.4	35.43	44.3	40.73
24		24	35.3	36.41	41.4	35.53	41.9	40.83	37.5	38.34	35.4	37.89	31.8	34.43	41	37.24	34.6	35.34	36.4	36.30	45.2	38.99
25		25	35.5	35.90	37.8	34.70	41	39.87	39.5	38.56	37	37.51	35.2	34.30	38.2	37.07	38.6	35.41	32.5	36.77	41.8	37.64
26		26	35.7	35.66	39.7	34.80	43.4	38.89	39.7	38.46	39.4	36.51	26.3	34.30	35.4	37.43	31.8	35.27	35.6	37.79	41.8	35.89
27		27	37.4	35.74	37	34.79	43.6	37.30	39.7	38.36	38.4	35.89	35.3	35.69	37.5	38.14	37	36.11	35	38.37	37.1	34.30
28		28	37.5	35.80	31	35.21	41.9	36.27	40	37.83	39.5	35.50	36.5	34.56	35	38.40	36.4	36.33	36.7	39.16	38	33.66
29		29	38.5	35.26	33.2	36.57	36	35.73	37.1	37.23	36.5	35.07	36.9	34.09	36.2	38.91	35.3	36.24	38.4	39.20	36.9	33.09
30		30	35	34.71	28.6	37.69	38	36.23	34.9	37.27	39	35.40	39	34.11	37.4	38.74	33.7	35.37	39.5	39.10	32.1	32.43
31	July	1	31.7	34.90	35.6	39.37	35.2	35.87	39	37.60	32.8	35.66	30.9	32.67	39.8	37.97	35.1	35.56	39.7	38.81	35.8	32.37
32		2	33.8	35.49	38.5	39.79	34.1	35.90	38.8	37.74	30	36.83	35.2	33.37	40.7	37.57	37.6	35.57	39.6	38.71	29.5	31.09
33		3	36.3	36.09	39.6	39.40	32.3	36.03	39	38.09	35	37.89	36	32.54	40.4	37.16	37.7	35.59	39.7	38.34	30.7	31.36
34		4	37.8	36.46	40	39.43	36.4	36.70	36	38.59	35.7	37.81	27.4	32.50	39.3	36.87	38.5	35.20	40.5	37.39	32.6	31.93
35		5	33.7	36.59	40.5	39.14	38.1	36.03	35.8	39.21	36.5	37.71	33.2	33.94	38.6	36.69	35.8	34.61	37	37.14	34	32.51
36		6	34.7	37.16	41	37.29	39.5	35.24	37.4	39.57	38.8	37.43	37.1	33.57	35	36.89	29.2	34.37	37	37.33	32.3	32.57
37		7	36.3	37.56	40.4	36.21	35.5	34.70	37.2	38.40	40.8	36.87	28.9	33.24	32	37.66	35	35.19	37.5	36.83	31.7	32.43
38		8	35.8	37.73	38.5	35.44	35.4	34.30	40	37.90	41	35.90	35.8	34.07	37	38.87	35.2	35.21	39	36.81	26.8	32.79
39		9	38	36.74	35.8	34.56	35	34.31	41.2	37.44	37.4	33.86	29.4	33.96	37.8	39.21	37.7	35.40	37	36.29	31.4	33.91
40		10	38.9	35.40	39.8	34.41	37	34.17	42.5	36.94	34.5	33.30	35.7	34.59	38.4	39.46	35	35.10	33	36.39	34.7	34.31
41		11	38.7	34.77	38	33.23	31.7	33.60	40.4	36.30	35	33.29	37.5	34.26	38	39.77	34.4	35.16	38.8	36.07	36.7	34.29
42		12	37.7	34.39	27.5	33.30	32.6	34.21	38.3	35.67	34.5	33.04	30.6	33.47	40	40.20	34.1	34.63	38.3	35.56	34.4	33.94
43		13	37.5	34.43	33.5	34.47	35.7	34.77	29.2	34.91	34.9	33.06	34.8	34.17	40.4	40.24	34.9	34.56	34.2	35.23	31.3	33.94
44		14	37.5	34.69	35	33.57	32.7	34.47	33.7	35.33	34	32.76	34.7	34.57	40.5	40.39	35.2	34.57	37.4	35.39	34.2	34.77
45		15	28.9	34.80	32.3	33.40	35.5	34.86	36.8	34.94	26.7	32.83	35	35.01	39.4	40.56	36.5	34.84	35.3	35.36	34.7	35.24

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	28.6	35.60	34.8	33.29	34	34.87	37.7	34.26	33.5	33.73	33.8	35.07	39.5	40.11	35.6	33.96	37.7	35.61	34.2	35.23	
47		17	34.5	36.71	31.5	32.73	33	35.04	38	33.76	34.4	33.29	33.4	35.24	40.6	39.87	35.4	33.73	30.8	35.66	34.5	35.49	
48		18	36	36.74	38.5	32.37	36	35.40	36	33.70	33.3	32.87	32	35.43	41	39.23	30.7	33.67	35.2	36.69	34.3	35.90	
49		19	38	36.70	35.7	31.49	36.5	35.40	33	33.84	34.6	32.17	35.5	35.30	40.3	38.70	33.6	34.26	36	37.33	34.4	36.10	
50		20	39.3	36.33	27.2	31.20	33.6	35.64	32.1	34.44	32.8	31.93	37.6	35.01	41.4	38.16	35	34.67	35.3	37.59	37.1	36.40	
51		21	38.3	35.93	33.8	32.39	35.4	36.27	31	35.49	34.5	32.37	37.8	34.54	41.7	37.63	37.1	34.81	37.2	37.77	37.5	36.24	
52		22	34.5	35.83	31.5	32.36	35.6	36.64	32	36.59	33	32.51	35.4	34.16	36.3	37.31	30.3	34.70	37.1	37.49	34.6	35.91	
53		23	36.4	35.76	30.9	32.77	35.2	36.99	34.2	36.96	30.4	32.66	35	34.10	37.8	37.79	34	35.40	38	37.29	36	36.06	
54		24	34.7	34.60	29	32.47	35.5	37.04	37.6	36.36	31.5	33.34	34.7	33.64	36.1	38.03	35	35.44	38	36.76	37.4	36.06	
55		25	35.7	34.54	32.3	33.14	36	37.17	37	35.27	28.4	33.70	31.1	33.16	37.3	37.93	34.8	35.46	39.7	35.51	35.7	36.29	
56		26	35.4	33.73	33.7	33.39	38.2	37.24	37.2	34.27	32.9	34.67	33.5	33.63	36.5	37.83	36.5	35.43	37.8	34.51	36.5	36.14	
57		27	36.5	33.64	35.5	33.00	38	37.03	39.4	33.81	35.9	34.83	34.3	34.04	37.7	38.16	36	34.76	36.6	33.91	36	36.14	
58		28	37.6	33.07	33.6	32.40	38	36.96	38.7	33.26	35.5	34.34	35.1	34.60	39.5	38.23	36.3	34.31	35.2	33.30	35.2	35.93	
59		29	34	31.80	34.4	31.89	38	36.16	34.6	32.69	34	33.89	35	34.79	39.6	38.07	35.2	33.76	35.7	32.86	35.6	36.01	
60		30	28.3	31.81	28.8	31.94	35.6	35.81	30	32.89	35.2	33.89	31.8	34.64	39.5	37.24	34.3	33.46	34.3	32.76	36	36.19	
61		31	34.3	32.81	33.7	32.86	36.4	35.89	30	33.83	34	34.06	31.3	35.14	35.4	37.06	35.1	33.41	29.3	33.06	39	36.21	
62		August	1	30	32.57	34	33.30	36.5	35.69	30	34.61	35.2	34.31	34.4	35.67	36.6	37.26	34.6	33.54	32.7	33.87	34.7	34.96
63			2	34.8	33.29	31	33.73	36.7	35.41	34	35.23	34	34.64	36.4	35.56	38.8	37.29	31.8	33.86	33.6	34.30	36.5	34.24
64			3	32.5	33.39	31.3	33.90	37.5	35.14	35.5	35.30	32.5	35.17	38.2	35.31	38.2	37.17	32.9	34.63	32.3	34.46	34.5	33.40
65			4	28.7	33.84	30	34.50	32.4	35.29	34.7	34.99	32.3	35.89	36.4	34.64	38.4	36.97	32.4	35.21	32.1	34.53	35.8	33.30
66			5	34.1	34.79	34.8	35.30	35.6	35.63	36	34.86	34	36.14	34	34.51	33.8	36.94	33.1	35.37	35	34.89	36.8	33.24
67			6	35.3	34.94	35.2	35.47	36.1	35.40	36.6	34.61	36.4	35.86	35.3	34.83	38.2	37.66	34	35.86	36.4	34.69	36.2	33.07
68			7	32.6	34.90	36.8	34.84	35	34.74	35.5	34.06	35.8	35.61	35	35.04	36.8	37.26	36	36.11	35	34.56	30.2	33.10
69			8	35	35.16	37	33.74	34.6	34.74	34.3	33.41	37.5	35.43	33.6	35.50	36.8	36.41	36.8	36.27	35.7	34.74	29.7	34.07
70			9	35.5	34.69	32.2	32.89	34.8	34.80	34.5	33.37	37.7	35.39	34.7	35.27	38	35.67	37.2	36.19	34.7	34.70	30.6	35.21
71			10	35.7	34.33	35.5	33.24	38.5	34.69	33.3	33.63	37.5	34.93	33.5	35.26	36.8	35.06	37	35.89	32.8	34.91	33.8	36.14
72			11	35.3	33.91	35.6	33.19	34.8	34.04	33.8	34.07	34.1	34.60	35.5	35.61	38.2	34.80	33.5	35.71	34.6	35.24	35.4	36.31
73			12	35.2	33.87	36	33.20	34	34.27	34.3	34.53	32	34.81	36.2	35.81	38.8	34.67	36.5	36.30	33.6	34.47	35.6	36.47
74			13	35	33.83	30.8	33.20	31.5	34.56	32.7	34.89	34.7	35.51	36.8	35.97	35.4	34.50	35.8	36.34	35.5	34.30	36.4	36.43
75			14	34.4	33.47	29.1	34.04	35	35.01	31	35.64	34.5	35.61	38.2	36.00	30.9	34.79	37.1	35.84	36.3	34.07	37	36.53
76			15	31.7	33.60	31	34.67	35	35.01	34	36.24	37.2	35.83	32	35.79	31.6	35.83	36.2	35.27	35.4	33.21	37.7	36.20
77	16		33	33.81	34.7	35.30	34	35.23	36.3	36.60	34.5	35.54	34.6	36.46	33.7	36.34	35.1	34.84	36.2	33.09	37.1	35.89	
78	17		32.8	32.46	35.1	34.56	34	35.80	36.4	36.61	35.2	35.53	36	36.70	35	36.20	35.8	35.04	35.1	32.74	35	35.69	
79	18		35	31.21	35.7	34.33	36.4	36.03	37	36.54	35.6	35.46	36.9	36.73	37.3	36.09	37.6	35.21	29.2	32.63	36.5	35.90	
80	19		34.9	30.29	36	34.11	36	35.69	36.8	36.40	36.9	35.43	37.3	36.50	37.6	35.64	36.8	35.04	32.4	33.24	35.3	35.84	
81	20		32.5	29.94	36.7	33.73	34.7	35.46	38	36.31	35.4	35.39	37	36.43	37.4	35.24	32.3	35.00	33.9	33.14	37.1	35.96	
82	21		35.3	30.40	33.5	31.97	35	35.30	35.2	35.94	36	35.41	36.7	36.64	38.2	34.90	33.1	35.31	30.3	33.19	34.7	35.80	
83	22		33.2	30.46	35.4	30.99	36.5	35.19	36.5	35.69	35.2	35.63	36.7	36.73	35.2	34.46	33.2	35.04	34.5	33.93	35.5	35.99	
84	23		23.5	30.49	29.5	30.31	38	34.91	36.4	35.43	34.4	35.77	36.3	36.79	32.7	34.70	36.5	35.16	33.8	34.14	35.7	35.77	
85	24		24.1	32.03	33.5	30.77	35.6	34.53	35.9	35.37	34.7	35.79	36.2	36.81	34.2	35.36	37	34.54	34.3	34.86	36.5	35.70	
86	25		28.5	33.64	34.2	30.70	34	34.76	36	35.46	35.4	35.87	35.3	37.14	34.2	35.36	36.4	33.83	33.5	35.13	36.1	35.63	
87	26		32.5		33.3		34.4		36.2		36.6		36.8		34.8		36.5		31.7		36.1		
88	27		35.7		24.4		33.6		35.4		35.6		38.5		35		34.5		34.2		36		
89	28		35.7		26.6		34.2		33.4		37.5		37.3		35.1		31.2		35.5		36		
90	29		33.4		30.7		34.6		34.7		36.2		37.1		36.9		34		36		34		
91	30		34.3		32.7		35.3		36		34.5		36.5		37.3		32.2		38.8		35.2		
92	31		35.4		33		37.2		36.5		35.3		38.5		34.2		32		36.2		36		

Table I.20. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Sibbi

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	45.4	48.37	40	38.24	46	45.90	45	44.39	44.5	45.20	46.7	44.77	45	47.20	46	49.83	45.1	48.21	41	46.01
2		2	48.6	48.36	32.7	38.51	43	45.73	43.5	44.39	45.3	39.70	48	44.53	43.5	47.59	48	50.67	45.7	48.09	44	46.84
3		3	49.1	41.00	37.8	39.84	45.2	45.61	47.2	44.81	45.3	39.96	45.8	44.31	47.6	48.30	48.6	50.90	48.2	47.49	45.3	47.23
4		4	49.7	47.46	37.9	40.44	42.4	44.99	44	45.04	47.3	39.84	46	44.44	46.6	48.59	50	50.90	48.5	46.53	46.3	47.10
5		5	50.6	46.81	37.8	40.93	49.3	44.84	46.2	45.50	46	39.17	44	44.44	47.6	48.93	51.8	50.71	50	45.89	48.9	46.53
6		6	48.6	46.20	40	41.60	48.2	44.16	41.2	45.69	43.5	38.99	39.9	44.80	49.6	49.21	52.6	50.27	50	45.31	48.3	45.59
7		7	46.6	46.01	41.5	41.96	47.2	43.21	43.6	46.23	44.5	38.63	43	45.90	50.5	49.21	51.8	49.59	50	44.89	48.3	44.61
8		8	45.3	45.50	41.9	41.54	44.8	42.23	45	46.63	6	38.70	45	45.04	47.7	49.00	51.9	49.00	44.2	44.46	46.8	43.61
9		9	45.1	45.33	42	41.56	42.2	42.01	46.5	46.63	47.1	44.84	46.5	44.76	48.5	48.99	49.6	48.39	41.5	44.86	46.7	42.90
10		10	46.3	45.46	42	41.90	40.8	42.21	48.8	46.77	44.5	45.00	46.7	43.91	49.6	48.70	48.6	47.86	41.5	45.64	44.4	42.67
11		11	45.2	45.41	41.3	42.40	41.4	42.90	47.2	46.30	42.6	45.47	46	43.39	49	48.13	48.7	47.63	44	46.07	42.3	42.90
12		12	46.3	44.56	42.5	42.91	44.5	43.77	47.5	45.91	44.7	45.96	46.5	43.33	49.6	47.66	48.7	47.23	46	46.79	42.3	43.51
13		13	47.3	43.20	42.5	43.24	41.6	44.27	45	45.59	41	46.29	47.6	42.69	49.6	46.67	47.8	46.06	47	47.07	41.5	43.84
14		14	43	42.24	38.6	43.56	40.3	45.27	46.4	45.94	45	47.07	37	42.46	49	45.94	47.7	45.03	47	47.29	41.3	44.37
15		15	44.1	41.96	42	43.67	43.3	46.59	45	46.31	49	47.36	43	44.03	47.6	45.59	47.6	44.31	47	47.57	41.8	44.99
16		16	46	41.66	44.4	43.20	43.6	47.57	47.5	46.21	48.2	46.89	40.6	44.53	46.5	45.36	45.9	43.90	47	47.64	45.1	45.54
17		17	46	41.09	45.5	42.71	45.6	48.17	45.5	46.07	47.8	46.93	43	45.66	45.6	45.39	47	43.86	44.5	47.93	46	45.70
18		18	39.2	40.91	44.9	42.40	47.5	47.51	44.5	46.26	46	46.31	45.6	45.53	45.7	45.56	45.9	43.81	49	47.86	46.6	45.93
19		19	36.8	41.89	44.8	42.10	48	47.24	45.2	46.07	47	46.10	42	45.01	42.7	45.83	40.5	43.40	48	47.21	44.6	45.91
20		20	40.6	42.97	44.7	41.99	48.6	47.03	47.5	45.86	46.5	45.89	46	45.39	44.5	46.66	40.6	44.00	48.5	46.29	45.2	46.04
21		21	41	43.40	39.4	42.43	49.5	47.01	49	46.01	47	45.41	48	45.33	46.5	46.94	42.7	44.57	49	45.29	45.6	45.87
22		22	42	44.06	38.7	43.43	50.2	46.70	44.3	45.97	45.7	44.91	46.5	44.83	46	46.87	44.7	44.57	47.5	43.83	45.7	45.63
23		23	42	44.40	41	43.76	47.8	46.20	46.5	46.43	48.5	44.39	48.5	44.59	46.7	46.94	45.6	44.47	49	43.11	46.2	45.46
24		24	44.8	44.46	43.3	43.83	41	45.94	46.8	46.03	43.5	43.67	42.1	44.04	46.8	46.84	46.7	44.34	44	42.26	47.6	45.19
25		25	46	44.01	42.8	43.43	45.6	46.80	43.2	45.51	44.5	43.83	42	44.11	47.6	46.24	43	43.93	44.5	42.26	46.5	44.96
26		26	44.4	43.17	44	43.31	46.5	46.66	43.7	45.53	45.5	43.86	44.6	43.94	48.5	45.27	44.7	44.16	41.5	42.19	45.5	44.11
27		27	43.6	42.83	47.8	43.13	48.5	45.37	48.6	45.50	43.2	43.50	45.6	43.51	46.5	44.29	44.6	44.16	41.5	42.54	44	43.49
28		28	45.6	42.69	46.4	42.36	47.3	44.04	48.7	44.56	43.5	43.56	44.5	43.23	46	43.87	42.7	44.46	38.8	42.83	43.9	43.04
29		29	44.4	42.31	41	41.90	46.7	43.21	47.5	43.53	42	42.70	44.8	42.73	46.5	43.16	44	45.01	42.5	43.43	44.5	42.49
30		30	42.4	41.80	41.5	42.41	46	42.40	43.7	42.70	43.5	42.66	44.7	42.47	46	42.66	44.7	45.10	43	43.61	44.3	41.63
31	1	41.7	41.63	40.5	41.40	47	41.91	43.2	42.53	44.6	42.87	42.6	42.20	42.6	42.20	43.8	43.96	44	43.70	46	41.01	
32	2	40.1	41.77	42	41.86	44.6	41.34	43.3	42.44	44.7	42.83	40.8	42.36	40.8	42.36	44.6	42.64	44	43.49	40.6	40.30	
33	3	42	42.39	42.7	42.06	37.5	41.33	43.5	42.47	43	42.67	41.6	42.91	41.6	42.91	44.7	41.93	44	43.44	41.1	40.46	
34	4	42.6	42.77	42.4	42.10	39.2	42.20	42	42.66	43.6	42.64	43.6	43.11	43.6	43.11	46.7	41.26	43.5	43.11	40.9	40.83	
35	5	43	43.24	43.2	42.27	41.5	42.60	41.5	42.77	37.5	42.46	41	43.31	41	43.31	46.6	40.30	43	43.01	40	41.03	
36	6	40.8	43.34	44.6	42.21	41	42.46	41.7	42.99	41.7	43.33	43	43.70	43	43.70	44.6	39.36	43.8	42.90	38.5	41.20	
37	7	41.2	43.70	34.4	41.90	42.6	42.46	42.5	42.60	45	43.51	42.8	43.64	42.8	43.64	36.7	38.99	43.6	42.87	40	41.49	
38	8	42.7	43.86	43.7	43.09	43	42.30	42.6	42.21	44.3	42.83	43.7	42.96	43.7	42.96	34.6	39.74	42.5	42.59	41	41.73	
39	9	44.4	43.64	43.4	42.89	44.5	42.30	43.5	42.41	43.6	42.50	44.7	42.43	44.7	42.43	39.6	40.61	43.7	42.47	41.7	41.99	
40	10	44.7	42.76	43	42.59	43.6	42.10	44.8	43.06	42.8	42.10	43	42.04	43	42.04	40	41.10	41.7	42.04	43.7	42.11	
41	11	45.9	41.20	43.6	42.53	42	41.94	42.8	43.17	42.3	42.07	45	41.84	45	41.84	40	41.61	42.8	42.47	42.3	41.94	
42	12	43.7	40.30	42.8	42.47	40.5	41.87	43	43.56	43.6	41.89	43.7	41.07	43.7	41.07	40	41.04	42.2	42.66	41.2	41.87	
43	13	43.3	39.99	42.4	42.76	41	42.34	39	43.93	43	41.70	42.6	40.69	42.6	40.69	42	40.66	43.6	42.71	40.5	41.93	
44	14	42.3	39.87	42.7	42.89	41.5	42.63	39.8	44.40	40.2	41.70	38	40.84	38	40.84	42	40.33	41.6	42.54	41.7	42.26	
45	15	41.2	39.93	42.3	42.10	43	42.77	44	44.60	42	42.39	40	41.47	40	41.51	40.7	40.14	41.7	42.73	42.8	42.34	

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	38.2	39.93	41.3	41.39	43.1	42.70	48	44.26	40.8	42.81	42	41.71	42	41.76	43	40.20	40.7	42.80	42.6	42.41	
47		17	33.8	40.49	42.6	40.30	42.5	42.76	45.6	43.47	42.6	42.70	41.6	41.43	41.6	41.47	43.6	38.91	44.7	43.20	42.5	42.30	
48		18	39.6	41.80	43.2	39.67	41.5	43.04	45.5	43.10	41	42.40	39.6	41.30	39.6	41.34	36	38.11	44.1	42.86	41.8	42.23	
49		19	41.5	41.97	44.8	39.14	43.8	43.26	45.6	42.86	42.3	42.54	41	41.79	41	41.83	37.3	38.46	42.6	42.73	41.6	42.69	
50		20	42.5	42.04	43.3	38.63	43	43.21	42.3	42.34	43	42.57	43.7	40.93	43.7	40.97	39.7	39.07	42.4	42.79	42.8	43.11	
51		21	42.7	42.07	37.2	38.50	42.5	43.19	41.2	42.23	45	42.57	42.4	40.07	42.7	40.11	40.7	39.07	42.9	42.90	42.3	43.24	
52		22	41.2	42.21	37.3	39.53	42.5	43.61	41.6	43.23	45	42.29	41.7	39.44	41.7	39.44	41.1	39.14	42.2	42.77	43.3	43.16	
53		23	42.1	42.77	33.7	39.89	43.5	43.97	42.5	44.36	40	41.97	40	39.16	40	39.16	34	39.36	43.5	42.70	41.8	43.13	
54		24	43	42.94	38.2	40.54	44.5	44.04	43	45.29	40.5	42.20	40.7	38.87	40.7	38.87	38	40.50	42.3	42.49	42	42.67	
55		25	40.8	42.66	39.5	40.81	43	44.26	43.8	45.57	42	42.27	43	38.34	43	38.34	38.4	40.36	43.2	42.41	45	42.60	
56		26	42	42.63	41.2	41.06	43.5	44.69	42	45.49	42.5	41.99	35	37.77	35	38.49	41.6	40.53	43	42.19	44.6	42.10	
57		27	42.7	42.13	42.4	40.79	42.8	44.97	41.5	45.13	43	41.56	37.7	38.44	37.7	39.63	39.7	40.30	43.2	41.76	43.7	41.96	
58		28	43.7	41.80	44.4	40.39	45.5	45.21	48.2	44.27	43	41.07	38	39.16	38	40.47	41.2	39.91	42	41.24	41.7	41.87	
59		29	45.1	41.61	39.8	39.94	45	44.90	49.5	43.03	42.8	40.64	39.7	39.69	39.7	41.56	42.6	39.53	41.7	41.10	43.1	42.11	
60		30	43.3	41.14	38.3	40.04	44	44.47	49	41.49	41.6	39.59	38	39.76	38	42.13	42	38.44	42	41.20	38.6	42.33	
61		31	41	41.21	40.1	40.57	46	44.33	45	40.09	41	39.36	37	40.24	37	42.79	37	37.81	41.8	41.39	41.5	43.16	
62		August	1	40.6	41.44	41.2	40.87	46	43.79	43.2	39.44	40	39.21	39	40.99	44	43.73	39.6	38.01	41.6	41.70	41.5	43.14
63			2	38.5	41.59	39.3	41.04	45.5	43.43	39.5	39.06	39.5	39.33	39.7	40.99	43	43.80	40	38.16	40	41.81	43.6	42.89
64			3	40.4	42.29	39.6	41.90	44.5	43.43	35.5	39.27	39.6	39.59	42.7	40.96	43.6	43.94	37	38.30	39.6	42.03	43.1	41.66
65			4	42.4	42.59	41.3	41.86	43.3	43.64	39.5	40.20	40	39.79	41.7	40.09	45.6	43.97	38.5	38.84	41	42.29	43.4	40.71
66			5	41.8	42.36	40.5	41.60	42	44.07	38.7	40.41	35.4	39.67	40.2	39.49	43.7	43.51	35	39.06	42.4	42.59	44.6	39.64
67			6	43.8	42.20	42	41.50	43	44.64	39.2	40.67	40	39.83	41.4	39.14	42.6	43.07	37.6	39.74	43.3	42.53	44.4	38.64
68			7	42.6	41.84	42.2	41.27	42.2	45.00	40.5	40.86	40	39.73	42.2	38.70	43.6	42.79	38.4	40.09	44	42.44	41.4	37.80
69			8	41.6	41.59	42.4	40.99	43.5	44.97	40.5	40.79	40.8	39.61	39	38.24	44.5	42.19	40.6	40.36	42.4	42.37	39.7	37.54
70			9	43.4	41.43	45.3	40.64	45.5	44.69	41	40.64	41.3	39.53	39.5	38.57	44	41.26	41	40.23	41.5	42.57	35	37.64
71			10	42.5	40.94	39.3	39.60	46	44.19	42	40.54	41	39.41	36.6	38.50	43.8	40.29	40.8	40.27	41.4	42.71	36.5	38.41
72			11	40.8	40.61	39.5	39.73	46.3	43.07	41	40.37	39.2	39.34	37.5	38.99	42.4	39.83	40	40.34	43.1	42.74	35.9	38.79
73			12	40.7	40.46	39.8	39.90	46	42.49	40.5	40.41	36.5	39.63	37.8	39.46	40.6	39.74	39.8	40.57	42	42.24	37.6	39.29
74			13	41.3	40.76	40.4	40.14	45.5	42.10	40.5	40.71	39.3	40.06	38.3	39.86	40.6	39.73	40	40.80	42.7	41.99	38.5	39.63
75			14	40.8	40.89	40.2	40.34	42	41.60	40	40.90	39.2	40.21	39	40.10	39.4	39.64	40.3	40.80	43.5	41.94	39.6	40.03
76			15	40.5	41.00	40	40.40	41.5	41.46	39.5	40.94	40.2	40.61	41.3	40.14	38	39.74	39.7	40.70	43.8	41.64	40.4	40.27
77	16		40	41.19	38	40.94	42	41.24	40.3	41.01	40.5	41.24	39	39.81	37.2	39.97	41.3	40.33	42.5	41.49	40.4	40.36	
78	17		40.2	41.47	40.2	41.13	38.2	41.03	40.8	40.94	40.5	41.37	40	39.96	40.6	40.24	41.3	39.97	41.6	41.41	39.1	40.44	
79	18		39.7	41.67	40.7	40.71	42.2	41.64	41.3	40.83	41.2	41.54	40.8	39.90	41.8	40.09	41.6	39.80	39.6	41.56	39.4	40.83	
80	19		42.8	41.36	41.5	40.54	43.3	41.64	42.6	40.81	39.5	41.80	40.6	39.74	40.5	40.01	41.4	39.80	40.2	41.86	40	40.96	
81	20		42.2	41.07	41.8	40.23	42	42.10	41.8	40.59	40.4	42.30	40	39.70	40	40.26	40	39.96	42.4	42.01	41.3	41.10	
82	21		41.6	41.07	40.6	39.93	41	41.91	40.3	40.33	42	42.70	39.3	39.84	40.1	40.64	39.6	40.06	41.4	41.87	41.3	40.97	
83	22		41.8	41.24	43.8	39.77	40	42.13	40	40.07	44.6	42.99	39	40.33	39.6	40.60	37.1	40.14	42.7	42.20	41	40.81	
84	23		42	41.39	39.3	39.03	40.5	42.49	39.8	39.86	41.4	42.61	40	40.84	39.1	40.44	38.8	40.30	42	42.47	41	40.61	
85	24		41.6	41.57	37.3	39.10	42.5	42.99	40	39.86	41.7	42.64	39.6	40.99	39.5	40.53	40.1	40.44	42.6	42.59	41.8	40.41	
86	25		37.5	41.84	39.5	39.70	42.2	43.11	41.2	39.93	43	42.50	39.7	41.00	41.3	40.69	41.6	40.39	41.7	42.56	40.3	40.23	
87	26		40.8		39.3		46.5		41		43		40.3		42.2		42.5		41.3		41		
88	27		42.2		39.7		40.7		40		43.2		41		42.7		40.7		41.4		40.4		
89	28		42.8		39.5		42.5		38.5		44		42.7		39.8		40.2		43.7		40.2		
90	29		42.8		38.6		42.5		38.5		42		42.6		38.5		38.2		44.6		39.6		
91	30		43.3		39.8		44		39.8		41.6		41		39.7		39.8		42.8		39.6		
92	31		43.5		41.5		43.4		40.5		40.7		39.7		40.6		39.7		42.4		40.5		

Table I.21. Calculation of Seven-Day Average (7-DA) of Daily High Temperatures for Quetta

Data : Daily Maximum Temperature °C

S. No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA
1	June	1	34	37.00	34	32.29	33	34.00	31.1	34.99	37.7	34.51	35.6	36.01	35.6	36.29	31.7	35.30	32.6	35.09	30.5	33.00
2		2	36	37.57	32	32.29	34	34.14	33.9	36.00	38	34.09	37.7	35.93	35.6	36.51	33.3	36.16	33.5	35.10	31.5	33.57
3		3	37	41.00	32	32.43	33	34.14	35	36.41	33.2	33.57	37.2	35.70	36.1	36.89	35.5	36.24	34	35.24	31.5	34.14
4		4	38	37.71	32	32.71	34	34.43	35	36.41	33	33.77	36	35.70	36.7	36.89	36.1	35.93	35.5	35.21	33.5	34.71
5		5	38	37.29	31	33.14	35	34.43	35.5	36.17	32.7	33.90	35.6	35.94	37.2	36.89	36.6	35.53	35.5	35.07	34.5	34.00
6		6	37	36.86	32	33.71	36	33.86	37.2	35.93	33	34.31	35	36.31	36.7	36.66	36.7	34.99	37.5	35.00	34.5	32.86
7		7	39	36.86	33	34.14	33	33.00	37.2	35.53	34	34.91	35	36.63	36.1	36.73	37.2	34.50	37	34.93	35	32.14
8		8	38	36.29	34	34.29	34	32.71	38.2	35.21	34.7	35.30	35	36.79	37.2	36.73	37.7	33.94	32.7	34.93	34.5	31.29
9		9	37	35.86	33	34.43	34	32.57	36.8	34.91	34.4	35.34	36.1	37.10	38.2	36.87	33.9	33.56	34.5	35.64	35.5	30.86
10		10	37	35.57	34	35.00	35	32.43	35	34.97	34.6	35.29	37.2	37.03	36.1	36.73	33.3	34.03	33.8	35.79	35.5	30.43
11		11	35	35.00	35	35.57	34	32.29	33.3	35.36	33.9	35.01	37.7	36.51	36.7	36.93	33.3	34.59	34.5	36.27	28.5	30.14
12		12	35	34.57	35	36.00	31	32.29	33.8	35.84	35.6	34.64	38.2	35.91	35.6	36.53	32.8	34.99	35	36.56	26.5	31.57
13		13	37	34.14	35	36.43	30	32.71	34.4	36.30	37.2	34.16	37.2	35.60	37.2	36.36	33.3	35.30	37	36.63	29.5	33.00
14		14	35	33.57	34	36.86	31	33.29	35	36.53	36.7	33.44	36.1	35.53	36.1	36.04	33.3	35.63	37	36.56	29	33.86
15		15	35	33.57	35	37.14	33	33.71	36.1	36.29	35	33.11	37.2	35.93	38.2	36.13	35	36.11	37.7	36.59	31.5	34.86
16		16	35	33.57	37	36.86	33	34.14	37.2	36.04	34	33.13	35.6	35.94	37.2	36.13	37.2	36.27	35.5	36.41	32.5	35.43
17		17	33	33.71	38	36.57	34	34.43	37.7	36.17	32.7	33.43	33.6	35.71	37.5	36.37	37.2	36.27	37.2	36.41	33.5	36.29
18		18	32	34.14	38	36.29	34	34.43	36.7	36.17	31.3	34.07	33.5	35.51	33.9	36.47	36.1	35.94	36.5	36.17	38.5	37.14
19		19	32	34.86	38	36.14	34	34.57	37	36.39	32.2	35.11	36	35.81	34.4	36.71	35	36.03	35.5	36.11	36.5	37.57
20		20	33	35.57	38	36.00	34	34.71	36	36.26	32.2	35.99	36.7	36.20	35	36.40	35.6	36.41	36.5	36.13	35.5	38.29
21		21	35	36.14	36	35.86	34	35.14	33.3	36.73	34.4	36.94	38.9	36.27	36.7	36.24	36.7	36.64	37.2	35.99	36	38.93
22		22	35	36.29	33	36.14	36	35.71	34.4	37.60	35.1	37.59	37.3	36.03	38.2	36.16	36.1	36.71	36.5	35.74	35.5	39.71
23		23	36	36.43	35	36.57	35	36.00	38.1	38.49	36.1	38.20	34	36.33	38.9	35.86	37.2	36.94	35.5	35.67	38.5	40.57
24		24	36	36.14	36	36.57	34	35.79	37.7	38.76	37.2	38.56	32.2	37.33	38.2	35.83	34.9	36.79	35.5	35.67	39.5	40.64
25		25	37	36.14	37	36.43	35	36.43	38.2	39.09	38.6	38.80	35.6	38.59	35.6	35.76	36.7	36.94	36.1	35.81	41.5	40.64
26		26	37	35.71	37	36.29	35	36.86	36.1	39.34	38.3	38.74	38.7	39.21	32.2	34.80	37.7	37.13	35.6	35.87	41.5	39.93
27		27	37	35.57	37	36.14	37	36.86	39.3	39.67	38.9	38.80	37.2	39.14	33.9	35.91	37.2	37.13	35.5	35.86	40	39.29
28		28	36	35.14	38	36.14	38	36.57	39.4	39.37	38.9	38.46	37.2	39.46	36.1	36.16	37.2	37.44	35.5	36.14	41.5	38.86
29		29	36	35.00	36	36.00	38	36.29	40.6	38.90	39.4	38.34	39.4	39.53	36.1	36.00	37.7	37.59	36	36.39	41.5	38.14
30		30	34	35.00	35	36.29	33.5	36.43	40	38.50	38.6	38.10	41	39.21	38.7	35.93	36.1	37.66	35.5	36.74	39	37.43
31	July	1	36	35.29	35	36.86	38.5	37.36	40	37.60	38.9	37.97	41	38.81	37.7	35.56	36	37.19	36.5	37.03	39.5	37.00
32		2	34	35.29	36	37.71	38	37.86	40	37.51	38.2	37.87	40	38.67	28.9	34.86	38	36.71	36.5	37.03	36.5	36.36
33		3	36	35.57	36	38.29	35	38.14	38.4	37.33	38.7	37.87	38.2	38.59	40	35.64	37.7	36.13	35.5	36.74	37	36.50
34		4	34	35.71	37	38.43	35	38.86	37.2	37.56	36.5	37.87	39.4	38.59	35.6	34.61	39.4	35.90	37.5	36.60	37	36.57
35		5	35	36.29	37	38.57	36	39.86	36.1	37.96	38.1	38.21	37.7	38.27	35	34.13	38.2	35.34	37.2	34.74	36.5	36.79
36		6	36	36.57	38	38.57	39	40.14	37.8	38.36	37.7	38.23	37.2	38.59	35.6	34.13	38.2	35.13	38.5	34.50	36.5	37.07
37		7	36	36.71	39	38.29	40	40.00	33.7	37.56	37.7	38.23	38.2	38.59	36.1	34.04	32.8	35.13	37.5	34.36	36	37.36
38		8	36	36.71	41	38.00	42	39.50	39.4	37.27	38.2	38.16	40	38.13	32.8	34.04	32.7	35.83	36.5	34.21	35	37.64
39		9	36	36.43	40	37.71	40	39.07	38.7	36.49	38.2	38.09	39.4	37.87	34.4	34.89	33.9	36.40	34.5	34.07	37.5	38.29
40		10	37	36.00	37	37.71	40	38.93	40	36.20	38.7	38.01	38.2	37.70	32.8	35.29	36.1	36.94	34.5	34.07	37.5	38.43
41		11	38	35.29	38	38.00	42	38.79	40	35.94	38.9	37.77	37.2	37.56	32.2	35.99	35.5	36.94	24.5	33.93	38.5	38.29
42		12	37	34.71	37	38.14	38	38.21	38.9	35.94	38.2	37.21	39.9	37.30	35	36.84	36.7	36.79	35.5	35.36	38.5	38.29
43		13	37	34.57	36	38.71	38	38.21	32.2	36.01	37.7	36.67	37.2	37.06	35	37.56	38.2	35.91	37.5	35.07	38.5	38.29
44		14	36	34.43	37	39.43	36.5	38.21	31.7	36.41	37.2	36.07	35	37.20	36.1	38.01	37.7	35.70	36.5	34.36	38	38.14
45		15	34	34.57	39	39.29	39	38.43	33.9	37.04	37.7	35.51	38.2	37.83	38.7	38.49	36.7	35.77	35.5	33.93	39.5	38.14

S.No	Month	Day	1996	7-DA	1997	7-DA	1998	7-DA	1999	7-DA	2000	7-DA	2001	7-DA	2002	7-DA	2003	7-DA	2004	7-DA	2005	7-DA	
46	July	16	33	34.86	40	38.86	39	38.00	36.7	37.36	37.7	34.97	38.2	37.76	37.2	38.20	37.7	35.91	34.5	33.64	38.5	38.14	
47		17	32	35.29	39	38.29	39	37.43	38.2	37.36	37	34.50	37.2	37.76	37.7	37.57	36.1	35.53	33.5	33.64	36.5	38.07	
48		18	34	35.86	39	37.43	38	37.00	40	37.06	35	34.00	35.4	38.00	38.2	37.10	34.4	35.37	34.5	33.93	38.5	38.21	
49		19	36	36.43	41	37.00	38	36.86	39.4	36.66	34.4	33.84	38.2	38.10	40	36.64	30.6	35.37	33.5	34.21	38.5	37.93	
50		20	36	36.71	41	36.57	38	36.14	35	36.49	33.5	33.77	38.2	37.09	38.2	36.09	36.7	35.69	32.5	34.07	37.5	37.64	
51		21	37	37.00	36	36.29	38	35.57	36.1	36.80	33.3	33.99	39.4	36.49	39.4	36.09	38.2	35.27	33.5	34.93	38	37.64	
52		22	36	37.00	36	36.71	36	35.29	36.1	36.64	33.9	34.31	37.7	36.01	36.7	35.77	37.7	34.57	33.5	35.64	39.5	37.57	
53		23	36	37.43	36	37.00	35	35.57	36.7	36.49	34.4	34.63	38.2	35.79	32.8	35.77	35	34.10	34.5	36.36	38	37.29	
54		24	36	37.86	33	37.43	36	36.00	36.1	36.10	33.5	34.83	38.9	35.24	34.4	36.00	35	34.01	35.5	36.79	37.5	37.21	
55		25	38	38.00	36	38.14	37	36.43	37.2	35.70	33.9	35.43	36.1	34.60	35	35.69	34.4	34.46	36.5	37.21	36.5	37.07	
56		26	38	38.00	38	38.14	33	36.57	38.2	35.30	33.9	35.90	31.1	34.36	36.1	35.60	32.8	34.70	32.5	37.36	36.5	37.07	
57		27	38	38.00	39	38.00	34	37.43	37.2	34.84	35	36.44	34	34.76	38.2	35.44	33.8	35.33	38.5	37.74	37.5	37.07	
58		28	37	37.86	39	37.43	36	38.00	35	34.13	35.6	36.80	36.1	34.99	37.2	35.07	33.3	35.79	38.5	37.31	37.5	37.07	
59		29	39	37.71	38	36.86	38	38.43	35	33.33	36.1	37.00	36.1	35.21	36.7	35.20	34.4	36.19	38.5	36.60	37.5	37.07	
60		30	39	37.29	39	36.43	38	38.43	34	33.04	35.8	36.69	34.4	35.06	34.4	35.20	34.4	36.03	37.5	36.17	37.5	37.07	
61		31	37	37.14	38	35.86	39	38.14	33.3	33.10	37.7	36.64	34.4	35.30	32.2	35.67	38.1	35.96	38.5	36.17	36.5	37.21	
62		August	1	38	37.00	36	35.57	38	37.57	34.4	33.59	37.2	36.57	34.4	35.77	34.4	36.53	36.1	35.60	37.5	36.17	36.5	37.29
63			2	38	36.57	37	35.86	39	37.14	35	33.91	37.7	36.69	33.9	35.94	35	37.07	37.2	35.43	35.2	36.31	36.5	37.43
64			3	37	36.14	35	36.00	38	36.43	32.2	34.00	37.5	36.61	35.6	36.10	35.6	37.46	37	35.29	35.5	36.50	37.5	36.86
65			4	36	36.00	35	36.00	39	36.00	29.4	34.56	37	36.57	37.7	36.01	38.1	37.83	36.1	35.00	33.5	36.50	37.5	36.14
66			5	36	36.14	35	36.14	38	35.71	33	35.74	33.9	36.43	35	35.79	36.7	37.94	33.3	35.00	35.5	36.93	37.5	35.86
67	6		38	36.43	35	36.57	36	35.71	34.4	36.27	35.5	36.30	36.1	36.03	37.7	38.33	33.9	35.33	37.5	36.93	38.5	35.57	
68	7		36	36.29	36	36.86	35	35.71	36.7	36.27	37.2	36.23	37.7	35.79	38.2	38.57	35.6	35.64	38.5	36.64	37	35.00	
69	8		35	36.57	38	37.00	35	36.00	36.7	35.96	38	35.91	35.6	35.31	38.2	38.11	34.9	35.47	38.5	36.50	37.5	34.79	
70	9		35	37.00	38	36.71	34	36.29	35.6	35.71	37.2	35.67	35	34.51	37.7	37.10	36.2	35.54	36.5	36.50	32.5	34.64	
71	10		36	37.43	35	36.57	35	36.71	36.1	35.63	37.2	35.43	35	34.11	38.2	36.24	35	35.53	35.5	36.64	32.5	35.21	
72	11		37	37.43	36	36.86	37	37.00	37.7	35.47	36	35.11	36.1	33.80	38.9	35.47	36.1	35.69	36.5	37.07	35.5	35.79	
73	12		38	37.14	38	37.00	38	37.00	36.7	34.94	33	34.97	36.7	33.56	39.4	34.91	35.6	35.76	35.5	37.21	35.5	36.14	
74	13		37	36.57	37	37.00	36	37.03	34.4	34.61	35	35.23	34.4	33.24	39.4	34.44	36.1	35.91	35.5	37.21	34.5	36.29	
75	14		38	36.00	37	37.14	37	37.31	34.5	34.79	35	35.30	34.4	33.33	35	33.97	34.4	35.84	37.5	37.07	35.5	36.43	
76	15		38	35.29	36	37.29	37	37.46	35	35.09	36.3	35.30	30	33.50	31.1	34.21	35.4	36.01	38.5	36.64	36.5	36.14	
77	16		38	34.71	37	37.57	37	37.60	35	35.24	35.5	34.96	32.2	34.37	31.7	35.09	36.1	34.37	37.5	36.21	36.5	35.71	
78	17		36	34.00	37	37.57	37	37.60	35	35.49	35	34.86	32.8	34.86	32.8	35.87	36.1	34.13	38.5	35.93	36.5	35.57	
79	18		35	33.57	37	37.29	37	37.74	34	35.64	35	34.86	34.4	35.26	35	36.57	36.6	34.13	37.5	35.50	38	35.43	
80	19		34	33.43	38	37.00	38.2	37.89	34.4	35.94	34.8	34.86	34.5	35.43	36.1	36.89	36.7	33.90	35.5	35.21	36.5	35.07	
81	20		33	33.29	38	36.57	38	37.86	35.6	36.19	35.5	34.89	35	35.66	36.1	36.97	35.6	33.74	34.5	35.07	35.5	34.93	
82	21		33	33.43	38	35.86	38	37.57	36.6	36.10	35	34.67	35.6	35.66	36.7	36.97	35.6	34.09	34.5	35.14	33.5	34.79	
83	22	34	33.71	38	34.86	38	37.21	36.1	35.63	33.9	34.89	36.1	35.73	37.2	36.64	23.9	33.86	35.5	34.86	33.5	34.93		
84	23	33	34.14	37	34.00	37	36.93	36.7	35.44	34.8	35.36	35.6	36.03	37.2	36.86	34.4	34.97	35.5	34.57	35.5	35.07		
85	24	33	34.71	35	33.43	38	36.80	36.1	35.27	35	35.54	35.6	36.26	37.7	36.79	36.1	34.97	35.5	34.29	35.5	34.93		
86	25	34	34.86	35	33.00	38	36.37	36.1	35.27	35	35.61	35.6	36.33	37.2	36.79	35	34.73	35.5	34.00	35.5	34.79		
87	26	33		35		38		36.1		35		36.1		36.7		35.6		34.5		35.5			
88	27	34		33		36		35		34		35		36.1		38		35		34.5			
89	28	35		31		35.5		33.3		36.5		36.1		34.4		34		32.5		34.5			
90	29	37		32		36		34.8		37.2		38.2		38.7		31.7		33.5		34.5			
91	30	37		33		36.1		35.5		36.1		37.2		36.7		34.4		33.5		34.5			
92	31	34		32		35		36.1		35.5		36.1		37.7		34.4		33.5		34.5			

Table I.22. Seven-Day Average Maximum Temperatures

		Meteorological Stations													
S.No.	Latitude→	Hyderabad	Karachi(AP)	Quetta	Sibbi	Chitral	Gilgit	Islamabad	Kakul	Lahore	Multan	Peshawar	Skardu	Nawabshah	Panjour
		25.3833	24.9	30.25	29.55	35.85	35.91667	33.61667	34.183	31.55	30.2	34.016	35.3	26.25	26.9666667
Years ↓		7-Day Average Maximum Temperature, °C													
1	1996	41.5	41.0	41.0	48.4	41.00	41.5	41.0	41.0	41.3	45.6	42.9	41.0	42.1	42.1
2	1997	40.0	36.2	39.4	43.8	39.4	44.2	40.2	33.2	40.2	42.5	42.5	39.4	44.2	41.9
3	1998	43.0	38.1	40.1	48.2	40.3	42.4	41.1	34.1	42.9	44.5	43.3	36.3	42.5	41.9
4	1999	39.0	35.6	41.0	46.8	39.7	40.8	41.2	35.4	40.4	44.0	44.8	33.3	44.0	44.1
5	2000	42.3	38.2	38.8	47.4	39.1	40.4	41.9	34.9	40.9	44.9	41.5	34.1	44.9	42.4
6	2001	41.2	36.5	39.5	45.9	40.4	41.7	37.5	33.3	38.3	43.0	41.4	37.6	45.0	41.3
7	2002	40.9	36.5	38.6	49.2	38.4	40.2	43.3	36.8	41.6	44.2	42.9	36.8	48.4	42.4
8	2003	41.6	36.5	37.7	50.9	38.4	41.1	41.9	36.5	44.3	46.7	45.0	37.5	45.8	41.3
9	2004	42.7	39.1	37.7	48.2	38.5	38.4	46.6	33.2	40.9	43.7	40.9	33.8	46.5	41.5
10	2005	41.9	38.2	40.6	47.2	41.1	41.5	40.2	37.6	43.9	45.1	44.7	35.0	45.6	43.2
11	2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average		41.4	37.6	39.5	47.6	39.6	41.2	41.5	35.6	41.5	44.4	43.0	36.5	44.9	42.2
Std. Dev		1.2	1.7	1.2	1.9	1.0	1.5	2.3	2.5	1.8	1.2	1.5	2.5	1.9	0.9
Avg+2 SD		43.9	40.9	41.9	51.4	41.7	44.2	46.2	40.5	45.1	46.9	45.9	41.5	48.6	44.0
T _{20mm} (50%) ¹		63.78	60.2	61.4	67.9	60.6	62.1	62.8	57.1	63.1	66.1	64.1	57.7	67.0	64.4
T _{20mm} (98%)		66.29	63.5	63.9	71.9	62.7	65.2	67.6	62.1	66.8	68.6	67.2	62.8	70.9	66.2

		Meteorological Stations						
S.No.	Latitude→	Parahinar	Khuzdar	Zhob	Dalbandin	Rohri	Nokkundi	Murree
		33.866667	27.8333333	31.35	28.883333	27.7	28.816667	33.916667
Years ↓		7-Day Average Maximum Temperature						
1	1996	33.0	39.7	40.1	44.7	46.6	46.7	27.2
2	1997	34.5	41.0	40.4	47.0	43.6	46.8	27.2
3	1998	32.7	39.2	38.4	47.4	46.0	48.3	29.0
4	1999	36.0	43.6	41.3	46.9	44.5	47.1	27.8
5	2000	32.8	40.0	39.2	44.6	44.9	45.3	28.1
6	2001	32.6	39.4	38.2	45.6	44.7	45.5	24.5
7	2002	34.9	40.8	39.9	46.5	46.0	45.2	29.4
8	2003	35.0	40.5	39.2	45.6	48.5	45.2	29.7
9	2004	32.5	40.3	39.2	46.4	46.6	44.6	26.6
10	2005	36.8	40.5	40.9	47.0	46.2	46.8	31.2
11	2006	32.9						
Average		34.0	40.5	39.7	46.2	45.8	46.2	28.1
Std. Dev		1.5	1.3	1.0	1.0	1.4	1.2	1.9
Avg+2 SD		37.0	43.0	41.8	48.1	48.5	48.5	31.8
T _{20mm} (50%) ¹		55.6	62.7	61.4	68.0	67.7	68.0	49.9
T _{20mm} (98%)		58.7	65.2	63.6	70.0	70.5	70.3	53.7

¹ Formulae given in Asphalt Institute's SP-1 (2003)

Table I.23. Average Lowest Minimum Temperatures

		Meteorological Stations												
S. No.	Latitude →	Hyderabad	Karachi(AP)	Quetta	Sibbi	Chitral	Gilgit	Islamabad	Kakul	Lahore	Multan	Peshawar	Skardu	Dalbandin
	Years	25.383	24.9	30.25	29.55	35.85	35.917	33.617	34.183	31.55	30.2	34.016	35.3	28.883
		Annual Lowest Minimum Temperature, °C												
1	1986	5.4	1.3	-12.2	0.6	-8.9	-7.1	-1.1	-2.9	2.7	0.9	1.1	-21	---
2	1987	7.3	6.4	-11.7	1.1	-4.3	-7.2	0	-1.2	4.4	1.6	1.7	-16.2	---
3	1988	8.6	7.8	-9	2.2	-4.8	-5.6	1.1	-1.5	5.4	3.2	2.3	-9	---
4	1989	6	6.5	-8.6	2.3	-4.6	-8.3	0.6	-1.9	3	1	0.5	-11.7	---
5	1990	4	2.2	-9.7	---	-3.4	-8.5	2.2	-0.6	3.5	0.8	2.4	-9.6	---
6	1991	4.4	2.3	-8.3	---	-5.4	-8.5	0	-3.6	3.1	0.4	1	-16.5	---
7	1992	5	5.4	-7	---	-8.9	-6.4	0	-3	4	1.4	1.5	-13.3	---
8	1993	8.5	7.6	-6.3	5.5	-6.2	-7.5	-0.8	-4	3.4	2.5	0	-16.5	---
9	1994	4.5	3	-9.4	1.7	-3.3	-6.7	0.8	-5	4.4	2.3	1	-14.7	---
10	1995	6	7.7	-9	2.3	-5.4	-8.6	0	-5	4	2.2	-0.5	-24.1	---
11	1996	7.5	5.7	-12	0.8	-4.2	-9.4	-2.1	-7.2	3.1	1	-1	-20.6	---
12	1997	7.3	8	---	3	-6.3	-7.4	0	-2.3	4.8	1.5	0	-6.9	-4
13	1998	7	9.1	-7	3	-8.4	-6.8	0	-3.6	5	1.5	0.5	-17.6	-5
14	1999	9	7.4	-10.2	2.5	-4.9	-9.6	1.3	-0.6	6.2	3.5	2	-11	-0.2
15	2000	6.5	7	-9	0.2	-3.3	-8.6	0.1	-5.3	5	1.5	1	-15	-4.8
16	2001	5.5	7	-12.2	1.2	-4.5	-8.5	-0.5	-3.4	4.4	1.4	-1	-13.7	-7.5
17	2002	7	8	-9.4	2.4	-6	-7.5	0	-2.5	5.4	1.8	2.5	-13.7	-8.8
18	2003	7.5	7.5	-10	3	-5	-7.8	-1.1	-2.5	3.6	3	2	-11.8	-10
19	2004	7	9	-8.3	4	-4.7	-5.2	0	-2.2	4.5	2.5	2	-9.2	-5.5
20	2005	5.5	9	-8	2.5	-4.5	-9	-0.8	-5	4.5	0.7	0.5	---	-4
21	2006	---	---	---	---	---	---	---	---	---	---	---	---	-11
Average		6.475	6.395	-9.332	2.253	-5.350	-7.710	-0.015	-3.165	4.220	1.735	0.975	-14.321	-6.075
Std. Dev		1.438	2.378	1.754	1.304	1.690	1.193	0.949	1.719	0.932	0.873	1.092	4.485	3.250
Avg-2 SD		3.60	1.64	-12.84	-0.36	-8.73	-10.10	-1.91	-6.60	2.36	-0.01	-1.21	-23.29	-12.58
Pav. Temp.(50%)		9.28	9.32	-3.19	5.32	-1.80	-3.52	2.66	0.24	6.25	4.79	3.26	-8.10	-0.52
Pav. Temp.(98%)		4.61	4.44	-7.92	0.69	-6.52	-8.12	-1.89	-4.49	1.71	0.26	-1.32	-13.44	-5.59

Table I.23. Average Lowest Minimum Temperatures

S. No.	Latitude →	Meteorological Stations						
		Panjgur	Parachinar	Khuzdar	Zhob	Rohri	Nokkundi	Murree
		26.9666667	33.867	27.833	31.35	27.7	28.817	33.916667
	Years	Annual Lowest Minimum Temperature, °C						
1	1986	---	-7.4	---	-7.7	---	-2.8	---
2	1987	---	-4.1	---	-2.8	---	-2.8	---
3	1988	---	-7.1	---	-3	---	-2.4	---
4	1989	---	-9.8	---	-6.1	---	-2.8	---
5	1990	---	-5.7	---	-5.6	---	-4.7	---
6	1991	---	-6.8	---	-5.2	---	-4.4	---
7	1992	---	-8.2	---	-3	---	-5	---
8	1993	---	-12.6	---	-5.5	---	0	---
9	1994	---	-10.4	---	-2	---	-5	---
10	1995	---	-12.7	---	-7	---	-1.4	---
11	1996	---	-12.2	---	-8.2	---	-2.2	---
12	1997	-0.9	-12.4	-4	-12.5	2.5	-0.6	-6.5
13	1998	-2	-12	-1	-3.5	2.5	-1.1	-8
14	1999	0.1	-13	3	-2	4.5	-3.3	-10
15	2000	-2	-12	-2.1	-6.5	2.7	-3.3	-10
16	2001	-4	-14	-1.5	-5	4.2	-3.9	-8
17	2002	-2.5	-12	-2.5	-5.5	4.4	-4.4	-8.6
18	2003	-5.5	-13	-2.3	-3.5	5.5	-6	-8.5
19	2004	-0.3	-11.6	0	-4	5.5	-1	-7.5
20	2005	-2.5	-13.4	-2	-5.5	5	-2	-7.4
21	2006	-4	---	-2	---	1.7	---	-7.6
Average		-2.360	-10.520	-1.440	-5.205	3.850	-2.955	-8.210
Std. Dev		1.763	2.916	1.870	2.491	1.383	1.651	1.115
Avg-2 SD		-5.89	-16.35	-5.18	-10.19	1.08	-6.26	-10.44
Pav. Temp.(50%)		2.58	-4.97	3.06	-0.49	6.89	1.74	-3.32
Pav. Temp.(98%)		-2.16	-9.97	-1.71	-5.39	2.24	-2.97	-7.91

Table I.24. PG Grades for Pakistan

Seven-Day Average Maximum Temperature = 7DAMT

Lowest Minum Temperature = LMT

S.No.	1		2		3		4		5		6		7		8		9		10		11	
Meteorological Station	Murree		Skardu		Parachinar		Chitral		Kakul		Zhob		Karachi(AP)		Quetta		Gilgit		Peshawar		Islamabad	
Latitude/Longitude	33.92	73.38	35.30	75.68	33.87	70.08	35.85	71.83	34.18	73.25	31.35	69.47	24.90	67.13	30.25	66.88	35.92	74.33	34.02	71.58	33.62	73.08
	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT
Average	0.0	-8.2	36.5	-14.3	0.0	-10.5	39.4	-5.4	35.6	-3.2	0.0	-5.2	37.6	6.4	39.5	-9.3	41.2	-7.7	43.0	1.0	41.5	0.0
Std. Dev	0.0	1.1	2.5	4.5	0.0	2.9	1.0	1.7	2.5	1.7	0.0	2.5	1.7	2.4	1.2	1.8	1.5	1.2	1.5	1.1	2.3	0.9
Avg./+2 SD	0.0	-10.4	41.5	-23.3	0.0	-16.4	41.3	-8.7	40.5	-6.6	0.0	-10.2	40.9	1.6	41.9	-12.8	44.2	-10.1	45.9	-1.2	46.2	-1.9
Pav. Temp.(50%)	0.0	-3.3	57.7	-8.1	0.0	-5.0	60.3	-2.9	57.1	0.2	0.0	-0.5	60.2	9.3	61.4	-3.2	62.1	-3.5	64.1	3.3	62.8	2.7
Pav. Temp.(98%)	0.0	-7.9	62.8	-13.4	0.0	-10.0	62.2	-5.8	62.1	-4.5	0.0	-5.4	63.5	4.4	63.9	-7.9	65.2	-8.1	67.2	-1.3	67.6	-1.9
PG-Grades (SHRP-LTTP)*, Traffic Model : SHRP																						
Base Grade	PG 58-10		PG 64-22		PG 64-16		PG 64-10		PG 64-10		PG 64-10		PG 64-10		PG 64-10		PG 70-10		PG 70-10		PG 70-10	
Slow speed or (3-29.9 Million ESALs)	PG 64-10		PG 70-22		PG 70-16		PG 70-10		PG 70-10		PG 70-10		PG 70-10		PG 70-10		PG 76-10		PG 76-10		PG 76-10	
Standing or (>30 Million ESALs)	PG 70-10		PG 76-22		PG 76-16		PG 76-10		PG 76-10		PG 76-10		PG 76-10		PG 76-10		PG 82-10		PG 82-10		PG 82-10	

S.No.	12		13		14		15		16		17		18		19		20		21		
Meteorological Station	Lahore		Multan		Khuzdar		Panjgur		Hyderabad		Sibbi		Dalbandin		Nokkundi		Rohri		Nawabshah		
Latitude/Longitude	31.55	74.40	30.20	71.43	27.83	66.63	26.97	64.10	25.38	68.42	29.55	67.88	28.88	64.40	28.82	66.88	27.70	68.90	26.25	68.37	
	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	7DAMT	LMT	
Average	41.5	4.2	44.4	1.7	40.5	-1.4	42.2	-2.4	41.4	6.5	47.6	2.3	46.2	-6.1	46.2	-3.0	45.8	3.9	44.9		
Std. Dev	1.8	0.9	1.2	0.9	1.3	1.9	0.9	1.8	1.2	1.4	1.9	1.3	1.0	3.3	1.2	1.7	1.4	1.4	1.9	No Data Available	
Avg./+2 SD	45.1	2.4	46.9	0.0	43.0	-5.2	44.0	-5.9	43.9	3.6	51.4	-0.4	48.1	-12.6	48.5	-6.3	48.5	1.1	48.6		
Pav. Temp.(50%)	63.1	6.2	66.1	4.8	62.7	3.1	64.4	2.6	63.8	9.3	69.2	5.3	68.0	-0.5	68.0	1.7	67.7	6.9	67.0		
Pav. Temp.(98%)	66.8	1.7	68.6	0.3	65.2	-1.7	66.2	-2.2	66.3	4.6	73.2	0.7	70.0	-5.6	70.3	-3.0	70.5	2.2	70.9		
PG-Grades (SHRP-LTTP)*, Traffic Model : SHRP																					
Base Grade	PG 70-10		PG 70-10		PG 70-10		PG 70-10		PG 70-10		PG 76-10		PG 76-10		PG 76-10		PG 76-10		PG 76-10		
Slow speed or (3-29.9 Million ESALs)	PG 76-10		PG 76-10		PG 76-10		PG 76-10		PG 76-10		PG 82-10		PG 82-10		PG 82-10		PG 82-10		PG 82-10		
Standing or (>30 Million ESALs)	PG 82-10		PG 82-10		PG 82-10		PG 82-10		PG 82-10		PG 88-10		PG 88-10		PG 88-10		PG 88-10		PG 88-10		

Note: PG grades are found out using LTTPBIND 2.1

No of Years for which Max Temp. Data is available: 10

No of Years for which Min Temp. Data is available: 10-20

* SHRP & LTTP models are used for high and low pavement temperature prediction respectively (Reference : Asphalt Institute's SP-1, 2003)

