

TABLE A.1.3. Precipitable water (mm) in column of air above specified heights (m) as a function of the 1 000 hPa temperature (°C) (revised May 1981)

Height above MSL (m)	Temperature (°C)																		
	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
0 (1000 hPa)	8.1	8.7	9.2	9.7	10.3	10.8	11.4	11.9	12.5	13.1	13.7	14.3	15.0	15.7	16.4	17.0	17.7	18.4	19.2
100	7.5	8.1	8.6	9.2	9.8	10.3	10.8	11.4	11.9	12.5	13.1	13.7	14.3	14.9	15.5	16.1	16.8	17.4	18.2
200	7.0	7.5	8.1	8.6	9.2	9.8	10.3	10.8	11.3	11.9	12.4	13.0	13.6	14.1	14.7	15.3	15.9	16.6	17.3
300	6.5	7.0	7.5	8.0	8.6	9.2	9.7	10.2	10.7	11.3	11.8	12.3	12.9	13.4	14.0	14.5	15.1	15.8	16.5
400	6.1	6.5	7.0	7.5	8.1	8.6	9.1	9.6	10.1	10.7	11.2	11.7	12.3	12.8	13.3	13.8	14.4	15.0	15.7
500	5.7	6.1	6.5	7.0	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.7	12.2	12.7	13.2	13.8	14.4	15.0
600	5.3	5.7	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.0	10.5	11.1	11.6	12.1	12.6	13.2	13.7	14.3
700	4.9	5.3	5.7	6.2	6.7	7.2	7.7	8.2	8.6	9.1	9.5	10.0	10.5	11.0	11.5	12.0	12.6	13.1	13.7
800	4.5	4.9	5.3	5.8	6.3	6.8	7.2	7.7	8.1	8.6	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.1
900	4.2	4.6	4.9	5.4	5.9	6.4	6.8	7.2	7.6	8.1	8.5	9.0	9.4	9.9	10.4	10.9	11.4	11.9	12.5
1 000	3.9	4.3	4.6	5.0	5.5	5.9	6.3	6.8	7.2	7.6	8.0	8.5	8.9	9.4	9.9	10.3	10.8	11.3	11.8
1 100	3.6	4.0	4.3	4.7	5.1	5.5	5.9	6.4	6.8	7.2	7.6	8.0	8.4	8.9	9.4	9.8	10.3	10.8	11.3
1 200	3.4	3.7	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.6	8.0	8.4	8.9	9.3	9.8	10.2	10.7
1 300	3.1	3.4	3.7	4.2	4.5	4.9	5.2	5.6	6.0	6.3	6.7	7.1	7.5	8.0	8.4	8.8	9.3	9.7	10.2
1 400	2.9	3.2	3.5	3.9	4.3	4.6	4.9	5.3	5.7	6.0	6.3	6.7	7.1	7.5	8.0	8.4	8.8	9.2	9.7
1 500	2.7	3.0	3.3	3.7	4.0	4.3	4.6	4.9	5.3	5.7	6.0	6.3	6.7	7.1	7.5	7.9	8.3	8.7	9.1
1 600	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	5.0	5.4	5.7	6.0	6.4	6.7	7.1	7.5	7.9	8.3	8.7
1 700	2.3	2.6	2.9	3.2	3.4	3.7	4.0	4.3	4.7	5.0	5.3	5.6	6.0	6.3	6.7	7.0	7.4	7.8	8.2
1 800	2.1	2.4	2.7	3.0	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	6.0	6.3	6.6	7.0	7.4	7.8
1 900	1.9	2.2	2.4	2.7	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.7	6.0	6.3	6.6	7.0	7.4
2 000	1.7	1.9	2.2	2.4	2.7	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.9
2 100	1.5	1.7	1.9	2.2	2.4	2.7	3.0	3.3	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5
2 200	1.4	1.6	1.7	2.0	2.2	2.4	2.7	3.0	3.3	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2
2 300	1.3	1.4	1.6	1.8	2.0	2.2	2.5	2.8	3.0	3.2	3.5	3.8	4.1	4.4	4.6	4.9	5.2	5.5	5.9
2 400	1.2	1.3	1.5	1.6	1.8	2.0	2.3	2.5	2.8	3.0	3.3	3.6	3.8	4.0	4.3	4.6	4.9	5.2	5.5