



weather codes

WW = Present weather in code from manned stations

04-49 No precipitation at the station at the time of observation

04	- smoke, reduction of visibility,	22	- snow
05	- haze	23	- rain and snow or ice pellets
06	- dust, suspended in air	24	- freezing rain or drizzle
07	- dust or sand, suspended in air by wind	25	- rain shower(s)
08	- dust whirl, sand whirl	26	- snow shower(s)
10	- mist	27	- hail shower(s)
11-12	- shallow fog	28	- fog
14-16	- precipitation within sight	29	- thunderstorm
17	- thunderstorm (without precipitation)	30-39	- duststorm, sandstorm, drifting or blowing or blowing
18	- squalls	40-49	- fog at the time of observation
19	- tornado cloud or water-spout		
21	- rain		

50-99 Precipitation at the station at the time of observation

50-51	- drizzle, slight	81	- rain shower(s), heavy
52-53	- drizzle, moderate	82	- rain shower(s), violent
54-55	- drizzle, dense	83	- shower(s) of rain and snow
56	- freezing drizzle	84	- shower(s) of rain and snow, heavy
57	- freezing drizzle, heavy (dense)	85	- snow shower(s)
58	- drizzle and rain, slight	86	- snow shower(s), heavy
59	- drizzle and rain, heavy	87-88	- shower(s) of snow pellets or small
60-61	- rain, slight	89	- shower(s) of hail, slight
62-63	- rain, moderate	90	- shower(s) of hail, heavy
64-65	- rain, heavy	91	- rain after thunderstorm
66	- rain freezing, slight	92	- heavy rain after thunderstorm
67	- rain, freezing, heavy	93	- hail after thunderstorm
68	- rain and snow, slight	94	- heavy hail after thunderstorm
69	- rain and snow, heavy	95	- thunderstorm, slight
70-71	- snow, slight	96	- thunderstorm with hail
72-73	- snow, moderate	97	- heavy thunderstorm with rain/snow
74-75	- snow, heavy	98	- thunderstorm combined sand- or dust storm
77	- snow grains	99	- heavy thunderstorm with hail
79	- ice pellets		
80	- rain shower(s)		

WW-A / WaWa = Present weather in code from automated stations

04-35 No precipitation at the station at the time of observation

04	- haze, dust or smoke, visibility \geq 1 km	21	- precipitation
05	- haze, dust or smoke, visibility \leq 1 km	22	- drizzle(snow grains), not freezing
10	- mist	23	- rain, not freezing
11	- ice needles, plates (diamond dust)	24	- snow
12	- lightning, distant	25	- freezing rain or drizzle
18	- persistent gusts (squalls)	26	- thunderstorm, with or without precipitation
20	- fog	27	- blowing or drifting snow or sand
		28	- idem, visibility \geq 1 km
		29	- idem, visibility \leq 1 km
		30	- mist
		31-35	- fog or ice fog

04-99 Precipitation at the station at the time of observation

40	- precipitation	84	- rain showers or intermittent rain; violent
41-42	- precipitation; slight/moderate - heavy	85-87	- snow showers or intermittent snow; slight moderate - heavy slight
43-44	- liquid precip.; slight/moderate - heavy	89	- hail
45-46	- solid precipitation; slight/moderate - heavy	90	- thunderstorm
47-48	- freezing precip.; slight moderate - heavy	91	- thunderstorm, slight or moderate, no prec.
50	- drizzle	92	- thunderstorm, slight or moderate, with rain showers and/or snow showers
51-53	- drizzle, not freezing; slight/moderate - heavy	93	- thunderstorm, slight or moderate, with hail
54-56	- drizzle, freezing; slight/moderate - heavy	94	- thunderstorm, heavy, with no precipitation
57-58	- drizzle and rain; slight/moderate - heavy	95	- thunderstorm, heavy, with rain and or snow showers
60	- rain	96	- thunderstorm, heavy, with hail
61-63	- rain, not freezing; slight/moderate - heavy	99	- tornado
64-66	- rain, freezing; slight/moderate - heavy		
67	- rain (or drizzle) and snow; slight		
68	- idem; moderate / heavy		
70	- snow		
71-73	- snow; slight - moderate - heavy		
74-76	- ice pellets; slight - moderate - heavy		
77	- snow grains		
78	- ice crystals		
80	- showers or intermittent precipitation		
81-83	- rain showers or intermittent rain; slight - moderate - heavy		

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