

現在天候(Present weather) (WMO 4501)

Based on WMO Code 4501 for recording present weather

(更新日:平成19年5月9日)

Code	Description
L0	Clear(No cloud at any level)
L1	Partly cloudy(Scattered or broken)
L2	Continuous layer(s) of blowing snow
L3	Sandstorm, duststorm, or blowing snow
L4	Fog, thick dust or haze
L5	Drizzle
L6	Rain
L7	Snow, or rain and snow mixed
L8	Shower(s)
L9	Thunderstorm(s)

Conversion from Beaufort weather notation to WMO Code 4501

Abbreviation	Description	Code
B	Blue sky whether with clear or hazy atmosphere, or sky not more than one-quarter clouded.	0
BC	Sky between one-quarter and three-quarters clouded.	1
C	Mainly cloudy (not less than three-quarters covered).	1
D	Drizzle or fine rain.	5
E	Wet air without rain falling.	4
F	Fog.	4
FE	Wet fog.	4
G	Gloomy.	2
H	Hail.	9
KQ	Line squall.	9
L	Lightning.	9
M	Mist.	4

O	Overcast sky (i.e., the whole sky covered with unbroken cloud).	2
P	Passing showers.	8
Q	Squalls.	9
R	Rain.	6
RS	Sleet (i.e., rain and snow together).	7
S	Snow.	7
T	Thunder.	9
TL	Thunderstorm.	9
U	Ugly, threatening sky.	2
V	Unusual visibility.	0
Z	Dust haze; the turbid atmosphere or dry weather.	4

現在天候 (Present Weather) (WMO Code 4677)

WMO Code 4677 for recording present weather

ww = 00 – 03

No meteors except photometeors

Code ww	Description
00	Cloud development not observed or not observable *
01	Clouds generally dissolving or becoming less developed *
02	State of sky on the whole unchanged *
03	Clouds generally forming or developing *

* characteristic change of the state of sky during the past hour

ww = 04 – 09

Haze, dust, sand or smoke

Code ww	Description
04	Visibility reduced by smoke, e.g. veldt or forest fires, industrial smoke or volcanic ashes
05	Haze
06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation

07	Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen
08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour or at the time of observation, but no duststorm or sandstorm
09	Duststorm or sandstorm within sight at the time of observation, or at the station during the preceding hour

* The expression "at the station" refers to a land station or a ship.

ww = 10 – 19

Code ww	Description
10	Mist
11	Patches of shallow fog or ice fog at the station, whether on land or sea, not deeper than about 2 metres on land or 10 metres at sea
12	More or less continuous shallow fog or ice fog at the station, whether on land or sea, not deeper than about 2 metres on land or 10 metres at sea
13	Lightning visible, no thunder heard
14	Precipitation within sight, not reaching the ground or the surface of the sea
15	Precipitation within sight, reaching the ground or the surface of the sea, but distant (i.e. estimated to be more than 5 km) from the station
16	Precipitation within sight, reaching the ground or the surface of the sea, near to, but not at the station
17	Thunderstorm, but no precipitation at the time of observation
18	Squalls at or within sight of the station during the preceding hour or at the time of observation
19	Funnel cloud(s)** at or within sight of the station during the preceding hour or at the time of observation

* The expression "at the station" refers to a land station or a ship.

** Tornado cloud or waterspout.

ww = 20 – 29

Precipitation, fog, ice fog or thunderstorm at the station during the preceding hour but not at the time of observation

Code ww	Description
20	Drizzle (not freezing) or snow grains not falling as shower(s)
21	Rain (not freezing) not falling as shower(s)
22	Snow not falling as shower(s)
23	Rain and snow or ice pellets, type (a) not falling as shower(s)
24	Freezing drizzle or freezing rain not falling as shower(s)
25	Shower(s) of rain

26	Shower(s) of snow, or of rain and snow
27	Shower(s) of hail*, or of rain and hail*
28	Fog or ice fog
29	Thunderstorm (with or without precipitation)

* Hail, ice pellets, type (b), snow pellets. French: grele, gresil ou neige roulée.

ww = 30 – 39

Duststorm, sandstorm, drifting or blowing snow

Code ww	Description
30	Slight or moderate duststorm or sandstorm – has decreased during the preceding hour
31	Slight or moderate duststorm or sandstorm – no appreciable change during the preceding hour
32	Slight or moderate duststorm or sandstorm – has begun or has increased during the preceding hour
33	Severe duststorm or sandstorm – has decreased during the preceding hour
34	Severe duststorm or sandstorm – no appreciable change during the preceding hour
35	Severe duststorm or sandstorm – has begun or has increased during the preceding hour
36	Slight or moderate blowing snow generally low (below eye level)
37	Heavy drifting snow generally low (below eye level)
38	Slight or moderate blowing snow generally high (above eye level)
39	Heavy drifting snow generally high (above eye level)

ww = 40 – 49

Fog or ice fog at the time of observation

Code ww	Description
40	Fog or ice fog at a distance at the time of observation, but not at the station during the preceding hour, the fog or ice fog extending to a level above that of the observer
41	Fog or ice fog in patches
42	Fog or ice fog, sky visible has become thinner during the preceding hour
43	Fog or ice fog, sky invisible has become thinner during the preceding hour
44	Fog or ice fog, sky visible no appreciable change during the preceding hour
45	Fog or ice fog, sky invisible no appreciable change during the preceding hour

46	Fog or ice fog, sky visible has begun or has become thicker during the preceding hour
47	Fog or ice fog, sky invisible has begun or has become thicker during the preceding hour
48	Fog, depositing rime, sky visible
49	Fog, depositing rime, sky invisible

ww = 50 – 99

Precipitation at the station at the time of observation

ww = 50 – 59

Drizzle

Code ww	Description
50	Drizzle, not freezing, intermittent slight at time of observation
51	Drizzle, not freezing, continuous slight at time of observation
52	Drizzle, not freezing, intermittent moderate at time of observation
53	Drizzle, not freezing, continuous moderate at time of observation
54	Drizzle, not freezing, intermittent heavy (dense) at time of observation
55	Drizzle, not freezing, continuous heavy (dense) at time of observation
56	Drizzle, freezing, slight
57	Drizzle, freezing, moderate or heavy (dense)
58	Drizzle and rain, slight
59	Drizzle and rain, moderate or heavy

ww = 60 – 69

Rain

Code ww	Description
60	Rain, not freezing, intermittent slight at time of observation
61	Rain, not freezing, continuous slight at time of observation
62	Rain, not freezing, intermittent moderate at time of observation
63	Rain, not freezing, continuous moderate at time of observation

64	Rain, not freezing, intermittent heavy at time of observation
65	Rain, not freezing, continuous heavy at time of observation
66	Rain, freezing, slight
67	Rain, freezing, moderate or heavy
68	Rain, or drizzle and snow, slight
69	Rain, or drizzle and snow, moderate or heavy

ww = 70 – 79

Solid precipitation not in showers

Code ww	Description
70	Intermittent fall of snow flakes slight at time of observation
71	Continuous fall of snow flakes slight at time of observation
72	Intermittent fall of snow flakes moderate at time of observation
73	Continuous fall of snow flakes moderate at time of observation
74	Intermittent fall of snow flakes heavy at time of observation
75	Continuous fall of snow flakes heavy at time of observation
76	Ice prisms (with or without fog)
77	Snow grains (with or without fog)
78	Isolated starlike snow crystals (with or without fog)
79	Ice pellets, type (a)

ww = 80 – 99

Showery precipitation, or precipitation with current or recent thunder storm

Code ww	Description
80	Rain shower(s), slight
81	Rain shower(s), moderate or heavy
82	Rain shower(s), violent
83	Shower(s) of rain and snow mixed, slight
84	Shower(s) of rain and snow mixed, moderate or heavy

85	Snow shower(s), slight
86	Snow shower(s), moderate or heavy
87	Shower(s) of snow pellets or ice pellets, type (b), with or without rain or rain and snow mixed – slight
88	Shower(s) of snow pellets or ice pellets, type (b), with or without rain or rain and snow mixed – moderate or heavy
89	Shower(s) of hail*, with or without rain or rain and snow mixed, not associated with thunder – slight
90	Shower(s) of hail*, with or without rain or rain and snow mixed, not associated with thunder – moderate or heavy
91	Slight rain at time of observation – thunderstorm during the preceding hour but not at time of observation
92	Moderate or heavy rain at time of observation – thunderstorm during the preceding hour but not at time of observation
93	Slight snow, or rain and snow mixed or hail** at time of observation – thunderstorm during the preceding hour but not at time of observation
94	Moderate or heavy snow, or rain and snow mixed or hail** at time of observation – thunderstorm during the preceding hour but not at time of observation
95	Thunderstorm, slight or moderate, without hail**, but with rain and/or snow at time of observation – thunderstorm at time of observation
96	Thunderstorm, slight or moderate, with hail** at time of observation – thunderstorm at time of observation
97	Thunderstorm, heavy, without hail**, but with rain and/or snow at time of observation – thunderstorm at time of observation
98	Thunderstorm combined with duststorm or sandstorm at time of observation – thunderstorm at time of observation
99	Thunderstorm, heavy, with hail** at time of observation – thunderstorm at time of observation

* French: grele.

** Hail, ice pellets, type (b), snow pellets. French: grele, gresil ou neige roulée.