

### **3.6 Meteorological Observation Codes**

#### **3.6.1 Cloud Development During Past Hour Codes (00-03)**

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

#### **3.6.2 Fog/Precipitation During Past Hour But Not At Time Of Obs (20-28)**

20:	Drizzle not freezing or snow grains
21:	Rain not freezing or snow grains
22:	Snow not freezing or snow grains
23:	Rain and snow, or ice pellets
24:	Drizzle or rain, freezing
25:	Showers of rain
26:	Showers or snow or of rain and snow
27:	Showers of hail or of hail and rain
28:	Fog in the past hour, not at present

#### **3.6.3 Blowing or Drifting Snow (36-39)**

36:	Drifting snow, below eye level, slight/moderate
37:	Drifting snow, below eye level, heavy
38:	Blowing snow, above eye level, slight/moderate
39:	Blowing snow, above eye level, heavy

#### **3.6.4 Fog/ Mist (41-49)**

41:	Fog in patches, visibility < 1000m
42:	Fog thinning in last hour, sky discernible, visibility < 1000m
43:	Fog thinning in last hour, sky not discernible, visibility < 1000m
44:	Fog unchanged in last hour, sky discernible, visibility < 1000m
45:	Fog unchanged in last hour, sky not discernible, visibility < 1000m
46:	Fog beginning/thickening in last hour, sky discernible, visibility < 1000m
47:	Fog beginning/thickening in last hour, sky not discernible, visibility < 1000m
48:	Fog depositing rime, sky discernible, visibility < 1000m
49:	Fog depositing rime, sky not discernible, visibility < 1000m

#### **3.6.5 Precipitation As Drizzle (50-59)**

50:	Slight drizzle, intermittent
51:	Slight drizzle, continuous
52:	Moderate drizzle, intermittent
53:	Moderate drizzle, continuous
54:	Dense drizzle, intermittent
55:	Dense drizzle, continuous
56:	Freezing drizzle, slight

57:	Freezing drizzle, moderate or dense
58:	Drizzle and rain, slight
59:	Drizzle and rain, moderate or dense

### 3.6.6 Precipitation As Rain, Not Showers (60-69)

60:	Slight rain, intermittent
61:	Slight rain, continuous
62:	Moderate rain, intermittent
63:	Moderate rain, continuous
64:	Heavy rain, intermittent
65:	Heavy rain, continuous
66:	Freezing rain, slight
67:	Freezing rain, moderate or heavy
68:	Rain or drizzle and snow, slight
69:	Rain or drizzle and snow, moderate/heavy

### 3.6.7 Frozen Precipitation, Not Showers (70-79)

70:	Slight fall of snow flakes, intermittent
71:	Slight fall of snow flakes, continuous
72:	Moderate fall of snow flakes, intermittent
73:	Moderate fall of snow flakes, continuous
74:	Heavy fall of snow flakes, intermittent
75:	Heavy fall of snow flakes, continuous
76:	Ice prisms, with/without fog
77:	Snow grains, with/without fog
78:	Isolated starlike snow crystals
79:	Ice pellets

### 3.6.8 Precipitation As Showers (80-90)

80:	Slight rain showers
81:	Moderate or heavy rain showers
82:	Violent rain showers
83:	Slight showers of rain and snow
84:	Moderate/heavy showers of rain and snow
85:	Slight snow showers
86:	Moderate or heavy snow showers
87:	Slight showers of soft or small hail
88:	Moderate/heavy showers of soft/small hail
89:	Slight showers of hail
90:	Moderate or heavy showers of hail

### 3.6.9 Visibility Codes

90:	< 50 m
91:	50–200 m
92:	200–500 m

93:	500–1000 m
94:	1–2 km
95:	2–4 km
96:	4–10 km
97:	> 10 km
-1:	Not available

Codes follow the ASPeCt (Antarctic Sea ice Processes & Climate) protocol and WMO standards.  
<http://aspect.antarctica.gov.au/home/conducting-sea-ice-observations/ice-observation-forms>