

APPENDIX C

NWS AND WMO CODE TABLES**Table 25 Internal Weather Types and Supported NWS Codes**

Internal Weather Types	NWS Codes
NO PRECIPITATION	C
PRECIPITATION	P
DRIZZLE	L
RAIN	R
SNOW	S
SLEET	IP
FREEZING DRIZZLE	ZL
FREEZING RAIN	ZR

NWS codes are used with intensity indicator '+' (plus) for heavy intensity, '-' (minus) for light, and none (space) for moderate. For example, 'R+' means heavy rain.

Table 26 WMO SYNOP Codes (Table 4680, W_aW_a) Used by PWD22/52

SYNOP Codes	Weather Types
00	Clear
04	Haze or smoke, or dust in suspension in the air, visibility equal to, or greater than, 1 km
05	Haze or smoke, or dust in suspension in the air, visibility less than 1 km
10	Mist
Code figures 20 to 25 are used, if precipitation or fog was observed during the preceding hour but not at the time of observation	
20	Fog
21	PRECIPITATION
22	Drizzle (not freezing) or snow grains
23	Rain (not freezing)
24	Snow
25	Freezing rain or freezing drizzle
The following code figures are used if precipitation or fog is observed at the time of observation	
30	FOG
31	Fog or ice fog, in patches
32	Fog or ice fog, has become thinner during the past hour
33	Fog or ice fog, no appreciable change during the past hour
34	Fog or ice fog, has begun or become thicker during the past hour
40	PRECIPITATION
41	Precipitation, slight or moderate
42	Precipitation, heavy
50	DRIZZLE

SYNOP Codes	Weather Types
51	Drizzle, not freezing, slight
52	Drizzle, not freezing, moderate
53	Drizzle, not freezing, heavy
54	Drizzle, freezing, slight
55	Drizzle, freezing, moderate
56	Drizzle, freezing, heavy
60	RAIN
61	Rain, light
62	Rain, moderate
63	Rain, heavy
64	Rain, freezing, light
65	Rain, freezing, moderate
66	Rain, freezing, heavy
67	Rain (or drizzle) and snow, light
68	Rain (or drizzle) and snow, moderate or heavy
70	SNOW
71	Snow, light
72	Snow, moderate
73	Snow, heavy
74	Ice pellets, light
75	Ice pellets, moderate
76	Ice pellets, heavy
80	SHOWERS OR INTERMITTENT PRECIPITATION
81	Rain showers, light
82	Rain showers, moderate
83	Rain showers, heavy
84	Rain showers, violent (>32 mm/h)
85	Snow showers, light
86	Snow showers, moderate
87	Snow showers, heavy

Table 27 WMO METAR Codes (Table 4678) Used by PWD22/52

Qualifier		Weather Phenomena				
INTENSITY 1	DESCRIPTOR 2	PRECIPITATION 3		OBSCURATION 4		OTHER 5
- Light	BC Patches	DZ	Drizzle	BR	Mist	
Moderate (No qualifier)	SH Shower(s)	RA	Rain	FG	Fog	
+ Heavy	FZ Freezing	SN	Snow	DU	Widespread dust	
		PL	Ice pellets	HZ	Haze	