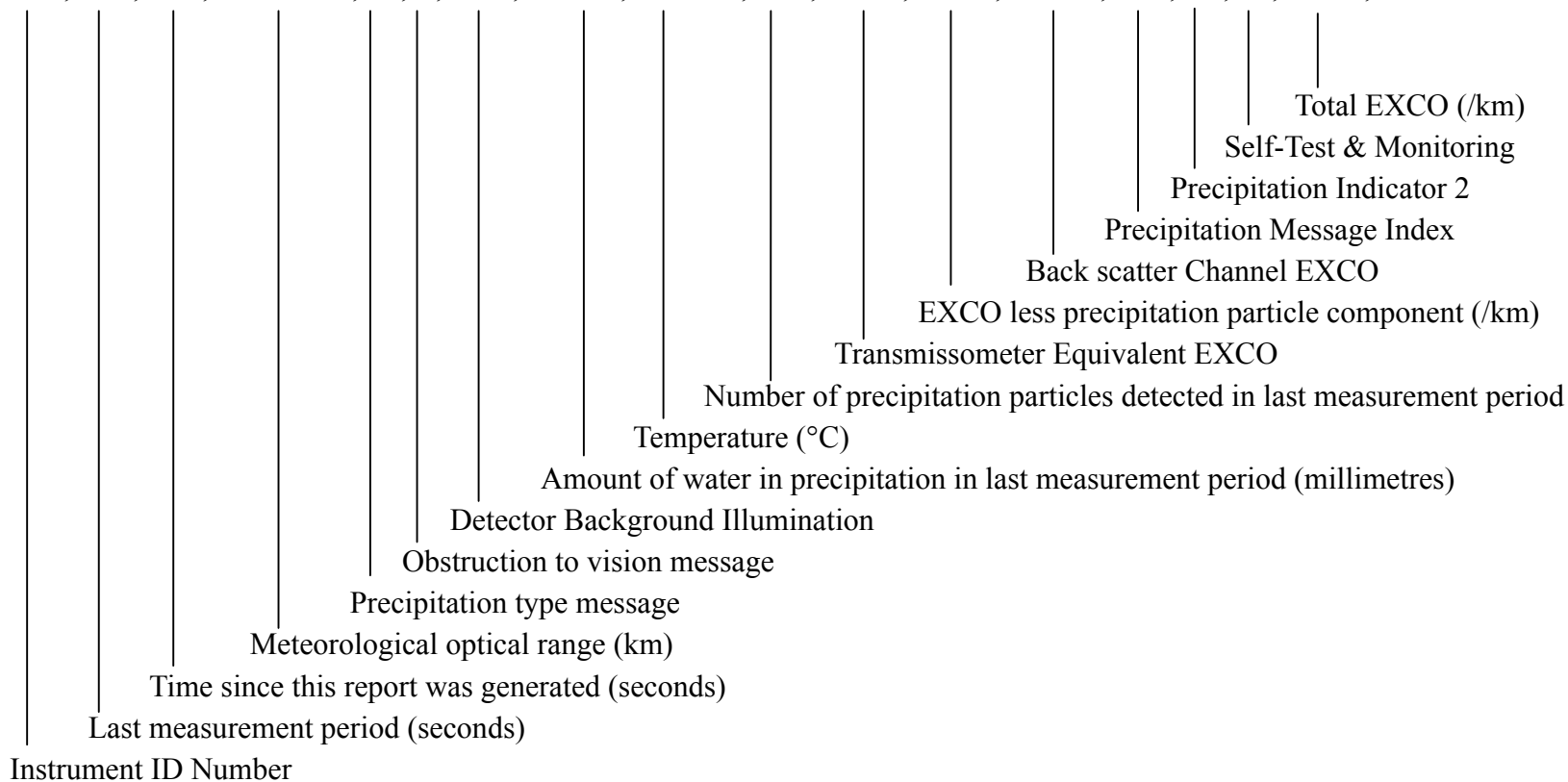


OPERATIONAL DATA MESSAGE VPF-730 (Expanded Format)

Extended format sent when Operating State Word Bit is "0".

Sent automatically after calculation, when Operating State Word Bit is "1". Also sent in response to command "D?"

PWxx,xxxx,xxxx,xxx.xx KM,ccc,cc,xx.xx,xx.xxxx,xxxx.x C,xxxx,xxx.xx,xxx.xx,±xxx.xx,xxxx,xxx,ccc,xxx.xx, <end chars>



Note: See next page for definition of codes

OPERATIONAL DATA MESSAGE VPF-730 (Expanded Format)(Continued)

Explanation of message sub-strings:

Self-Test & Monitoring Values

c c c

		0 = Other self-test values OK
		X = Other self-test fault exists
		0 = Windows not contaminated
		X = Windows contaminated

0 = Sensor not reset since last "R?"

X = Sensor reset since last "R?"

Precipitation Type Codes

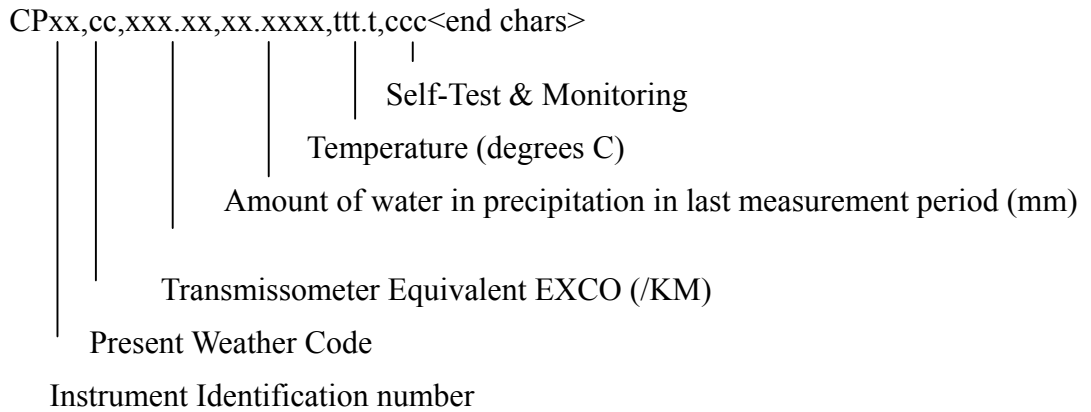
"NP "	No precipitation
"L- "	Light drizzle
"L "	Moderate drizzle
"R- "	Light rain
"R "	Moderate rain
"R+ "	Heavy rain
"S- "	Light snow
"S "	Moderate snow
"S+ "	Heavy snow
"P "	Intermediate precipitation type
"P- "	Light indeterminate precipitation
"X "	Initial value or Error.

Obstruction to Vision Codes

" "	No Obstruction
"H"	Haze
"F"	Fog

OPERATIONAL DATA MESSAGE VPF-730 (Compressed Format)

Compressed format sent when Operating state word Bit 6 is “1”. Sent automatically after calculation when Operating State Word bit 1 is “1”. Also sent in response to command “D?”



Precipitation Type Codes

- 00 No significant weather observed, or sensor starting
- 04 Haze or Smoke
- 30 Fog
- 41 Slight or Moderate indeterminate Precipitation Type
- 42 Heavy Indeterminate Precipitation Type
- 51 Light Drizzle
- 52 Moderate Drizzle
- 53 Heavy Drizzle
- 61 Light Rain
- 62 Moderate Rain
- 63 Heavy Rain
- 64 Light Snow
- 72 Moderate Snow
- 73 Heavy Snow

Self-Test & Monitoring Values

- ccc
- | | |
 - | 0 - Other self-test values OK
 - | x - Other self-test fault exists
 - | | |
 - | 0 - Windows not contaminated
 - | x - Windows contaminated
 - | | |
 - 0 Sensor not reset since last R? command
 - x - Sensor reset since last R? command