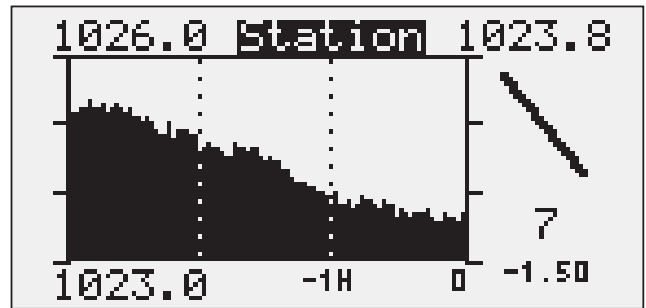


PRESSURE TENDENCY CHARACTERISTIC CODE and Pressure Trend Arrow Reference Guide



Pressure Trend Arrows appear after one (1) hour of operation. The arrows are a **forecast** of the 3-hr pressure change based on the previous 1-hour history.

Pressure Trend Arrows		
Symbol	Description	1-hr Change
→	Stationary	< 1 mb < 0.03 inHg
↗	Rising	1 - 2 mb 0.03 - 0.06 inHg
↑	Rising Fast	2 - 3 mb 0.06 - 0.09 inHg
↑↑	Rising Very Fast	> 3 mb > 0.09 inHg
↘	Falling	1 - 2 mb 0.03 - 0.06 inHg
↓	Falling Fast	2 - 3 mb 0.06 - 0.09 inHg
↓↓	Falling Very Fast	> 3 mb > 0.09 inHg



The accurate indicator of atmospheric pressure change is the WMO/NWS Pressure Tendency Characteristic Code, which describes the measured 3-hour pressure change. Each code has an associated WMO assigned graphic symbol. These symbols are shown on weather maps that report observations in a format that is called a station model. The tendency and the code values are updated every 15 seconds as new data changes the 3-hour history.

WMO Pressure Tendency Characteristic Codes		
Pressure now higher than three hours ago		
Description	Code	Wx Map Symbol
Increasing, then decreasing	0	∧
Increasing, then steady	1	∟
Increasing, then increasing more slowly	1	∟
Increasing (steadily or unsteadily)	2	/
Increasing, then increasing more rapidly	3	✓
Steady, then increasing	3	✓
Decreasing, then increasing	3	✓

Pressure the same as three hours ago		
Description	Code	Wx Map Symbol
Increasing, then decreasing	0	∧
Steady	4	—
Decreasing, then increasing	5	∨

Pressure now lower than three hours ago		
Description	Code	Wx Map Symbol
Decreasing, then increasing	5	∨
Decreasing, then steady	6	∟
Decreasing, then decreasing more slowly	6	∟
Decreasing (steadily or unsteadily)	7	\
Decreasing, then decreasing more rapidly	8	∧
Steady, then decreasing	8	∧
Increasing, then decreasing	8	∧

