

FIG 7-1-8

Key to Decode an ASOS/AWSS (METAR) Observation (Back)

REMARKS IDENTIFIER: RMK	RMK
<b>TORNADIC ACTIVITY:</b> Augmented; report should include TORNADO, FUNNEL CLOUD, or WATERSPOUT, time begin/end, location, movement; e.g., TORNADO B25 N MOV E.	
<b>TYPE OF AUTOMATED STATION:</b> AO2; automated station with precipitation discriminator.	AO2
<b>PEAK WIND:</b> PK WND dddff(f)/(hh)mm; direction in tens of degrees, speed in whole knots, and time.	PK WND 20032/25
<b>WIND SHIFT:</b> WSHFT (hh)mm	WSHFT 1715
<b>TOWER OR SURFACE VISIBILITY:</b> TWR VIS vvvv; visibility reported by tower personnel, e.g., TWR VIS 2; SFC VIS vvvvv; visibility reported by ASOS, e.g., SFC VIS 2.	
<b>VARIABLE PREVAILING VISIBILITY:</b> VIS v <sub>n</sub> v <sub>n</sub> v <sub>n</sub> v <sub>n</sub> v <sub>n</sub> Vv <sub>x</sub> v <sub>x</sub> v <sub>x</sub> v <sub>x</sub> ; reported if prevailing visibility is <3 miles and variable.	VIS 3/4V1 1/2
<b>VISIBILITY AT SECOND LOCATION:</b> VIS vvvvv [LOC]; reported if different than the reported prevailing visibility in body of report.	VIS 3/4 RWY11
<b>LIGHTNING:</b> [FREQ] LTG [LOC]; when detected the frequency and location is reported, e.g., FRQ LTG NE.	
<b>BEGINNING AND ENDING OF PRECIPITATION AND THUNDERSTORMS:</b> w'w'(hh)mmE(hh)mm	RAB07
<b>VIRGA:</b> Augmented; precipitation not reaching the ground, e.g., VIRGA.	
<b>VARIABLE CEILING HEIGHT:</b> CIG h <sub>n</sub> h <sub>n</sub> Vh <sub>x</sub> h <sub>x</sub> h <sub>x</sub> ; reported if ceiling in body of report is <3000 feet and variable.	CIG 013V017
<b>CEILING HEIGHT AT SECOND LOCATION:</b> CIG hhh [LOC]; Ceiling height reported if secondary ceilometer site is different than the ceiling height in the body of the report.	CIG 017 RWY11
<b>PRESSURE RISING OR FALLING RAPIDLY:</b> PRESRR or PRESFR; pressure rising or falling rapidly at time of observation.	PRESFR
<b>SEA-LEVEL PRESSURE:</b> SLPppp; tens, units, and tenths of SLP in hPa.	SLP125
<b>HOURLY PRECIPITATION AMOUNT:</b> Prrrr; in .01 inches since last METAR; a trace is P0000.	P0003
<b>3- AND 6-HOUR PRECIPITATION AMOUNT:</b> 6RRRR; precipitation amount in .01 inches for past 6 hours reported in 00, 06, 12, and 18 UTC observations and for past 3 hours in 03, 09, 15, and 21 UTC observations; a trace is 60000.	60009
<b>24-HOUR PRECIPITATION AMOUNT:</b> 7R <sub>24</sub> R <sub>24</sub> R <sub>24</sub> ; precipitation amount in .01 inches for past 24 hours reported in 12 UTC observation, e.g., 70015.	
<b>HOURLY TEMPERATURE AND DEW POINT:</b> T <sub>s</sub> T <sub>a</sub> T <sub>a</sub> T <sub>s</sub> T <sub>a</sub> T <sub>a</sub> T <sub>s</sub> ; tenth of degree Celsius; s <sub>i</sub> : 1 if temperature below 0° C and 0 if temperature 0° C or higher.	T00640036
<b>6-HOUR MAXIMUM TEMPERATURE:</b> 1s <sub>n</sub> T <sub>x</sub> T <sub>x</sub> T <sub>x</sub> ; tenth of degree Celsius; 00, 06, 12, 18 UTC; s <sub>i</sub> : 1 if temperature below 0° C and 0 if temperature 0° C or higher.	10066
<b>6-HOUR MINIMUM TEMPERATURE:</b> 2s <sub>n</sub> T <sub>n</sub> T <sub>n</sub> T <sub>n</sub> ; tenth of degree Celsius; 00, 06, 12, 18 UTC; s <sub>i</sub> : 1 if temperature below 0° C and 0 if temperature 0° C or higher.	21012
<b>24-HOUR MAXIMUM AND MINIMUM TEMPERATURE:</b> 4s <sub>n</sub> T <sub>x</sub> T <sub>x</sub> T <sub>x</sub> T <sub>n</sub> T <sub>n</sub> T <sub>n</sub> ; tenth of degree Celsius; reported at midnight local standard time; 1 if temperature below 0° C and 0 if temperature 0° C or higher, e.g., 400461006.	
<b>PRESSURE TENDENCY:</b> 5apppp; the character (a) and change in pressure (ppp); tenths of hPa) the past 3 hours.	58033
<b>SENSOR STATUS INDICATORS:</b> RVRNO: RVR missing; PWINO: precipitation identifier information not available; PNO: precipitation amount not available; FZRANO: freezing rain information not available; TSNO: thunderstorm information not available; VISNO [LOC]: visibility at secondary location not available, e.g., VISNO RWY06; CHINO [LOC]: (cloud-height-indicator) sky condition at secondary location not available, e.g., CHINO RWY06.	TSNO
<b>MAINTENANCE CHECK INDICATOR:</b> Maintenance needed on the system.	\$
If an element or phenomena does not occur, is missing, or cannot be observed, the corresponding group and space are omitted (body and/or remarks) from that particular report, except for Sea-Level Pressure (SLPppp). SLPNO shall be reported in a METAR when the SLP is not available.	
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