METAR CHEAT SHEET

AUTO	Automated	COR	Corrected	$	Maintenance reqd

WIND, CEILING & VISIBILITY

WIND		VISIBILITY		SKY COVER	
dddSSKT	From dir at speed	xxSM	Visibility in sm	SKC	Clear (human)
VRB	Variable (<6kts)	M1/4SM	< 1/4SM (auto)	CLR	Clear < 12kft (auto)
dddVddd (180V240)	Variable btw xxx/yyy° if >60°	1/8, 1/16, 0	Visibility (human)	FEW	1–2 oktas
		RVR (VIS ≤ 1 SM)		SCT	3–4 oktas
ssGss	Gusting winds	Rxxx	RWY designation	BKN	5–6–7 oktas
PK WND dddss(s)/(hh)mm	Peak wind if >25 kts	/vvvvFT	Visibility in ft	OCV	8 oktas
WSHFT (hh)mm	Time of windshift	MvvvvVvvvvFT	Variable between	VV	No CIG bc of ground clouds, fog, precip > vertical visibility
		Mvvvv	Less than		
FROPA	Frontal passage	Pvvvv	More than	None	>5,000ft & 5 SM

CLOUD TYPES

TCU	Cumulus	ACC	Altocumulus Castellanus
CB	Cumulonimbus	xCSL	S(tratocm) / A(ltocm) / C(irrocm) Standing Lenticular

WEATHER PHENOMENON

INTENSITY / PROXIMITY		PRECIPITATION		OBSCURATION	
–	Light	RA	Rain	FG	Fog
blank	Moderate	DZ	Drizzle	VA	Volcanic ash
+	Heavy	SN	Snow	BR	Mist (brume)
VC	Vicinity	SG	Snow grains	HZ	Haze
INTENSITY / PROXIMITY		IC	Ice crystals	DU	Dust
MI	Shallow (mince)	PL	Ice pellets	FU	Smoke (fumee)
PR	Partial	GR	Hail (grele)	SA	Sand
BC	Patches (bancs)	GS	Small hail (gresil)	PY	Spray
DR	Low drifting	UP	Unknown	OTHER	
BL	Blowing	RAB(hh)mm	Rain began at	SQ	Squall
SH	Showers	RAE(hh)mm	Rain ended at	PO	Dust/sand whirl
TS	Thunderstorm	TSB(hh)mm	TS began at	SS/DS	Sand/Dust strm
FZ	Freezing	TSE(hh)mm	TS ended at	FC	Funnel cloud

REMARKS

A01	No precip sensor	CIG xxxVyyy	Ceiling varying	PRESRR/FR	Pres risng/fallng rapidly
A02	Precip sensor	VIS xVx	Variable between	TWR VIS	Tower visibility
SLPxxx	Altset 1/10th hPa	VIS xY	Sector x, visibilty Y	SFC VIS	Surface visibility

TEMPERATURE			PRESSURE		
x	0 if positive, 1 if negative		*Change of pressure over the last 3 hours*		
TxYYYxZZZ	YYY	Hourly temp in 1/10 °C	5xYYY	x	Pressure code
	ZZZ	Hourly DP in 1/10 °C		YYY	Change in 1/10 hPa
T01191022	*Temp 11.9°C, DP –7.2°C*		*Higher now than 3h ago*		
Reported at 00Z, 06Z, 12Z and 18Z for previous 6h			0	Increasing > Decreasing	
1xYYY	YYY	Highest temperature	1	Increasing > Steady or increasing > Slower increase	
10094	*Highest temp in previous 6h 9.4°C*		2	Increasing (steadily or unsteadily)	
2xYYY	YYY	Lowest temperature	3	Decreasing or steady > Increasing OR Increasing > Increasing more rapidly	
21114	*Lowest temp in previous 6h –11.4°C*				
Reported at midnight local for previous 24h			*Same as 3h ago*		
4xYYYxZZZ	YYY	Highest temperature	0	Increasing > Decreasing	
	ZZZ	Lowest temperature	4	Steady	
PRECIPITATION			5	Decreasing > Increasing	
Pxxx	Hourly precip in 1/100th in		*Lower now than 3h ago*		
4/xxx	xxx	Snow on ground in inches	5	Decreasing > Increasing	
00/06/12/18Z for prev 6h, 03/09/15Z/21Z for 3h			6	Decreasing > Steady or decreasing > Slower decr	
6xxxx	xxxx	Rain in 1/100th in	7	Decresing stefily or unsteadily	
Reported at 12Z for previous 24h			8	Steady or increasing > Decreasing Decreasing > Decreasing more rapidly	
7xxxx	xxxx	Liquid precip in 1/100th in			
Reported at 00Z, 06Z, 12Z and 18Z for previous 6h			CLOUDS		
931xxx	xxx	Snowfall 1/10th in	8/xxx	xxx	WMO cloud code
932xxx	xxx	Liquid water equiv of snow in 1/10th in	98xxx	xxx	Duration of sunshine in min
			THAT'S ALL FOLKS!		