CLOUD ABBREVIAT	Code C		Cloud Descrip	4	101	iddle Cloud Des		ode C _L	Low Cloud I		N _h	N	SKY COVERAGE	ff	mph knots	Symbolic Station Model
St or Fs = Strat Fractostratus	us or	and not increas		<u> </u>		s (most of cloud layer semi- As, greater part sufficiently d	·		and seemingly flattened Cu of considerable develop	oment, generally	1		Less than one-tenth		Calm Calm	
Ci = Cirrus	-	usually not inci	reasing, sometimes like i s or tufts	remains	hide su	un (or moon), or Ns	_	2 (towering with or without off all at the same level Cb with tops lacking clear		2		or one-tenth Two-tenths or	\	3-8 3-7	ff c
Cs = Cirrus	= Cirrus Dense Ci, often anvil-shaped, derived from or associated with Cb			from 3		Thin Ac, mostly semi-transparent; cloud elements not changing much and at a single level		3 🛆	distinctly not cirriform or anvil-shaped, with or without Cu, Sc or St		3		three tenths Four-tenths		9-14 8-12	" Сн
Cc = Cirrocumu	over the sky and usually thickening as a whole					Thin Ac in patches; cloud elements continually changing and/or occurring at more than one level		4	Sc formed by the spreading out of Cu; Cu often present also				Five-tenths	\ \	. 15 - 20 13 - 17	TT'dd C _M PPP
Ac = Altocumul As = Altostratus	generally overspreading and growing denser; the			lenser; the		Thin Ac in bands or in a layer gradually spreading over the sky and usually thickening as a whole		5 ~~	Sc not formed by the spreading out of Cu		5		Six-tenths	//	21 - 25 18 - 22	
Sc = Stratocum	Ci and Cs, often in converging bands, or Cs alone; generally overspreading and growing denser; the			lenser; the	Ac for	Ac formed by the spreading out of Cu		6 —	St or Fs or both but no Fs of bad weather Fs and/or Fc of bad weather; stratocumulus under deck (scud)		6		Seven-tenths or	111	26 - 31 23 - 27	vv ww (j v) <u>+</u> pp a
Ns = Nimbostra	7 2 S Veil of Cs convering the entire sky			7		Double-layered Ac, or a thick layer of Ac, not increasing; or Ac with As and/or Ns		7			7	1	eight-tenths Nine-tenths or overcast with openings	///	32 - 37 28 - 32	$T_d T_d C_L N_h WR_t$
Cu or Fc = Cum or Fractocumulu	Cu or Fc = Cumulus Created cumulus Cs not increasing and not covering entire sky			ire sky		Ac in the form of Cu-shaped tufts or Ac with turrets		8 📉	Cu and Sc (not formed by with bases at different level		8		Completely overcast	///	38 - 43 33 - 37	h RR
Cb = Cumulonin			with some Ci or Cs, but	t the 9		a chaotic sky, usually at diffe	erent levels;	9 💆	Cb having a clearly fibrous often anvil-shaped, with or		9	\otimes	Sky Obscured	////	44 - 49 38 - 42	
	Weather Symbol Chart										Code	١٨/	PAST	////	50 - 54 43 - 47	
	0	1	2	3 V	4	5 5 5	امار 6	7	8	9		VV	WEATHER Clear or few clouds	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	55 - 60 48 - 52	Sample Station Model Plot
	\circ	\bigcirc	→	\vdash	WW PRE	SENT WEATI $\mid \infty \mid$	HER		(a)	(S)			Partly cloudy		. 35 35 1	
00	Cloud development NOT observed or NOT observable	Clouds generally dissolving or becoming less developed during	State of sky on the whole unchanged during past hour	Clouds generally forming or developing during past hour	Visibility reduced by smoke		Widespread dust in suspensior in the air, NOT raised by wind, at time of observation	Dust or sand raised by w at time of observation		Dust storm or sand storm within sight of or at station during past hour			(scattered) or variable sky Cloudy (broken)		61 - 66 53 - 57	HIGH CLOUD TYPE: cirrus (anvil-shaped) TOTAL SKY COVER: 6/8ths
	during past hour	past hour		/)_/	/ \	17	M) (<u>/</u>	or overcast Sandstorm or		<u>-</u> 67 - 71 58 - 62	TEMPERATURE: 75 F MIDDLE CLOUD TYPE: Altocumulus with tufts (castellanus)
10		Patches of shallow fog at station,	More or less continuous shallow		Precipitation within sight, bu	Precipitation within sight,	Precipitation within sight,	Thunder heard, but no	Squall(s) within sight during	Funnel cloud(s) within sight	3	14	duststorm, or drifting or blowing snow		72 - 77 63 - 67	WEATHER: Thunder heard but no precipitation at station
	Light fog	NOT deeper than 6 feet on land	fog at station, NOT deeper than 6 feet on land	heard	NOT reaching the ground	reaching the ground, but distant from station	reaching the ground, near to but NOT at station	precipitation at the station		during past hour	4		Fog, or smoke or thick dust haze		78 - 83 68 - 72	3 PRESSURE TENDENCY:
20	Drizzle (NOT freezing and NOT	Rain (NOT freezing and NOT	*	*	Freezing drizzle or freezing ra		Showers of snow, or of rain	Showers of hail, or of hail		Thunderstorm (with or without	5	9	Drizzle		84 - 89 73 - 77	3 statute miles DEW POINT: 67 F DEW POINT: 67 F DEW POINT: 67 F
	falling as showers) during past hour, but NOT at time of observation	falling as showers) during past hour, but NOT at time of observation	Snow (NOT falling as showers) during past hour, but NOT at time of observation	Rain and snow (NOT falling a showers) during past hour, bu NOT at time of observation	it (NOT failing as snowers) duri	ing Showers of rain during past hour, but NOT at time of observation	and snow, during past hour, but NOT at time of observation	and rain, during past hour,	Fog during past hour, but NOT at time of observation	precipitation) during past hour, but NOT at time of observation	6	•	Rain		90 - 94 78 - 82	LOW CLOUD TYPE: cumulonimbus WIND SPEED: 20 knots
30	51	5	15	 	S →	 	+	\rightarrow	1	\rightarrow	7	*	Snow, or rain and snow mixed, or ice pellets (sleet)		- 113 - 117 98 - 102	\
	Slight or moderate dust storm or and storm, has decreased luring the past hour	Slight or moderate dust storm or sand storm, no appreciable change during past hour	Slight or moderate dust storm or sand storm, has increased during past hour	Severe dust storm or sand storm, has decreased during past hour	Severe dust storm or sand storm, no appreciable chang during past hour	Severe dust storm or sand storm, has increased during past hour	Slight or moderate drifting snow, generally low	Heavy drifting snow, generally low	Slight or moderate drifting snow, generally high	Heavy drifting snow, generally high	8	∇	Shower(s)		_ 118 - 123 103 - 107	
4.0	(_)	<u></u>	==1	=1		=			¥	₹	9	K	Thunderstorm, with or without precipitation		Explanation	on of Weather Symbols
40	Fog at distance at time of observation, but NOT at station	Fog in patches	Fog, sky discernible, has become thinner during past hour	Fog, sky NOT discernable, has become thinner during	Fog, sky discernible, no appreciable change during	Fog, sky NOT discernible, no appreciable change during	Fog, sky discernible, has begun or become thicker	Fog, sky NOT discernibl has begun or become		Fog, depositing rime, kky	Code	2	PRESSURE	N ·	Adapted from U.S. Weathe	er Bureau, National Weather Service, World Meteorlogical Organization Over. CL Predominate clouds of type in CLtable.
-	during past hour			past hour	past hour 2	past hour 9	during past hour	thicker during past hour	•	9	0000	a	TENDENCY		True direction from whic	
50	intemittent drizzle (NOT	Continuous drizzle (NOT	Intermittent drizzle (NOT	Continuous drizzle (NOT	Intermittent drizzle (NOT	Continuous drizzle (NOT	•	99	9	•		/	Rising then falling Rising then steady;	0.0	blowing along arrow sha the station.	CM Treasmand about 61 type in an easter
	freezing) slight at time of observatiion	freezing) slight at time of observation	freezing) moderate at time of observation	freezing), moderate at time of observation	freezing), heavy at time of observation	freeing), thick at time of observation	Slight freezing drizzle	Moderate or thick freezing d	rizzle Drizzle and rain, slight	Drizzle and rain, moderate or heavy		/	or rising, then rising more slowly		Wind speed in knots sho on shaft of the wind dire	
60	•	••	•	••			lacktriangle	••	*	* *	2		Rising steadily, or unsteadily	VV	Visbility in miles and frac	ctions. TT Air temperature in whole degrees.
	intemittent rain (NOT freezing) slight at time of observatiion	Continuous rain (NOT freezing) slight at time of observation	Intermittent rain (NOT freezing) moderate at time of observation	Continuous rain (NOT freezing moderate at time of observation	Intermittent rain (NOT freezin heavy at time of observation	(g), Continuous rain (NOT freeing), heavy at time of observation	Slight freezing rain	Moderate or heavy freezing	rain Rain or drizzle and snow, slight	Rain or drizzle and snow, moderate or heavy	3	<u> </u>	Falling or steady, then rising; or rising, then rising more quickly		Present weather coded in the "ww" table. Figure	
70	×	××	* *	**	* *	** **	\longleftrightarrow	<u> </u>	-X-	\triangle	4		Steady, same as 3 hours ago		01,02, and 03 are not plo Past weather uses the sy	otted. In the Pressure lendency plock.
'	Intermittent fall of snowfalkes, sllight at time of observation	Continuous fall of snowflakes, slight at time of observation	Intermittent fall of snowflakes, moderate at time of observation	Continuous fall of snowflakes, moderate at time of observation	Intermittent fall of snowflake	s, Continuous fall of snowflakes,	Ice needles (with or without fog) Granular snow (with or wit fog	chout Isolated starlike snow crystals (with or without fog)	Ice pellets (sleet, U.S. definition)	5		Falling, then rising, same or lower than 3 hours ago	VV	the "W" block.	the observation (28 = 2.8 millibars).
80	•	——— —	•	*	*	×	* \	\Leftrightarrow	\Rightarrow	lack	6		Falling, then steady; or falling, then falling more slowly	PPP	Barometric pressure plot units, and tenths of millil (189 = 1018.9 & 989 = 99	bars. Amount of precipitation coded in inches
	Slight rain showers(s)	Moderate or heavy rain shower(s)	Violent rain shower(s)	Slight showers(s) of rain and snow mixed	Moderate or heavy shower(of rain and snow mized	V	Moderate or heavy snow shower(s)	Slight shower(s) of soft or shail with or without rain, or	Moderate or heavy shower(s) of soft or small with or	Slight shower(s) of hail, with or without rain or rain and snow mixed, not associated with	7	_	Falling steadily, or unsteadily	TT	Temperature of dew poi	nt in whole Rt Time precipitation began or ended. Code
	<u> </u>		\[\]	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\[\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	•/*	<u>^</u>	and snow mixed	snow mixed	thunder	8	^	Steady or rising, then falling; or falling,		degrees. Code for fraction of sky o	not snown.
90	Moderate or heavy showers of nail, with or without rain or rain	Slight rain at time of observation	Moderate or heavy rain at time or observation, thunderstorm during	Slight snow or rain and snow mixed or hail at time of observation: thunderstorm	Moderate or heavy snow, or ra and snow mixed or hail at time of observation, thunderstorm	e Slight or moderate thunderstorm, without hail, but with rain and/or	Slight or moderate thunderstorn	Heavy thunderstorm, withou but with rain and/or snow at	t hail, Thunderstorm combined with time dust or sand storm at time	Heavy thunderstorm with hail at	9		then falling more quickly Unused		or middle clouds.	plotted in degrees Fahrenheit, wind in knots, visibility in miles, and pressure in millibars.
	and snow mixed, not associated	thunderstorm during past hour, but NOT at time of observation		during past hour, but NOT at time of observatiion		snow at the time of observation	with hail at time of observation	of observation	of observation	time of observation	IJ					