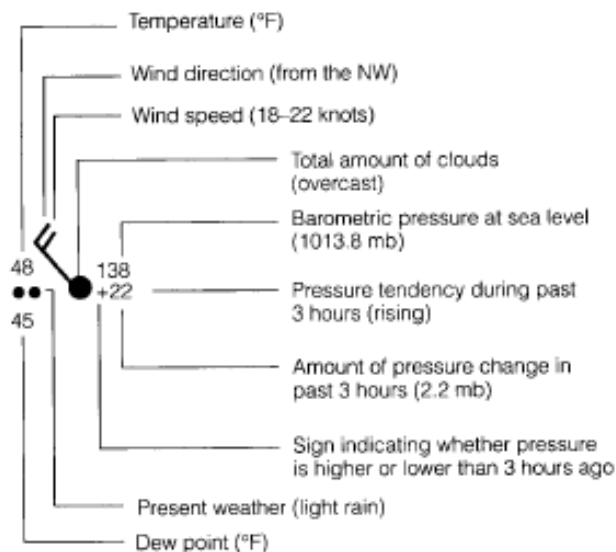


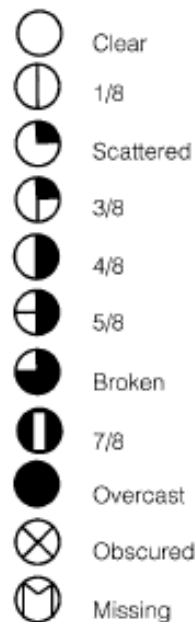
# Meteorology

## Weather Symbols and the Station Model

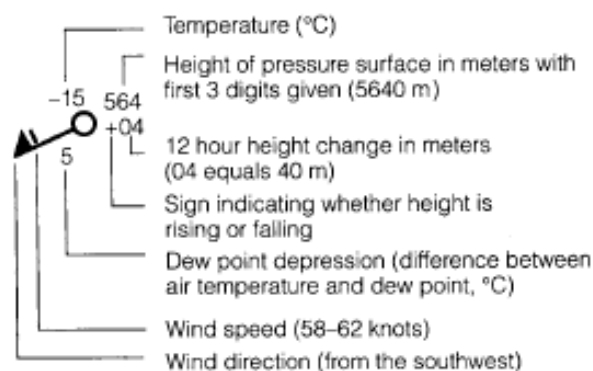
### Simplified Surface-Station Model



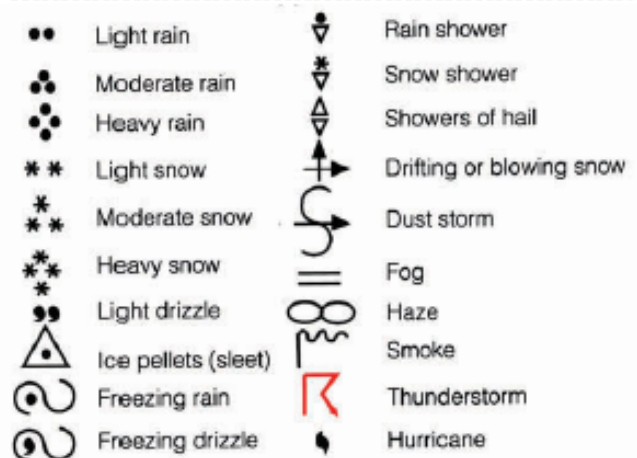
### Cloud Coverage



### Upper-Air Model (500 mb)





















### Common Weather Symbols












# Meteorology









## Wind Entries

	MILES (STATUTE) PER HOUR	KNOTS	KILOMETERS PER HOUR
	Calm	Calm	Calm
	1-2	1-2	1-3
	3-8	3-7	4-13
	9-14	8-12	14-19
	15-20	13-17	20-32
	21-25	18-22	33-40
	26-31	23-27	41-50
	32-37	28-32	51-60
	38-43	33-37	61-69
	44-49	38-42	70-79
	50-54	43-47	80-87
	55-60	48-52	88-96
	61-66	53-57	97-106
	67-71	58-62	107-114
	72-77	63-67	115-124
	78-83	68-72	125-134
	84-89	73-77	135-143
	119-123	103-107	144-198

## Pressure Tendency

	Rising, then falling	
	Rising, then steady; or rising, then rising more slowly	} Barometer now higher than 3 hours ago
	Rising steadily or unsteadily	
	Falling or steady, then rising; or rising, then rising more quickly	
	Steady, same as 3 hours ago	
	Falling, then rising, same or lower than 3 hours ago	} Barometer now lower than 3 hours ago
	Falling, then steady; or falling, then falling more slowly	
	Falling steadily, or unsteadily	
	Steady or rising, then falling; or falling, then falling more quickly	

## Front Symbols

	Cold front (surface)
	Warm front (surface)
	Occluded front (surface)
	Stationary front (surface)
	Squall line
	Trough (trough)
	Ridge
	Dryline