

TABLE 1.—DESCRIPTION OF ELEMENTS REPORTED AS SUPPLEMENTARY DATA—Continued

Element	Type of report		When reported	Reported by		Format, example, comments
	SDO	SCD		WFO	Other NWS offices	
Synoptic total cloud cover and cloud types (low cloud base height; low cloud amount; low, middle, and high cloud types).	.....	X .....	At 6-hrly synoptic times (00, 06, 12, and 18 UTC) unless the sky is clear.	Designated stations.	.....	<p><i>Format:</i> 8NN<sub>h</sub> C<sub>L</sub> hC<sub>M</sub> C<sub>H</sub>.</p> <p><i>Reference:</i> FMH-2 paragraph 4.2.7 modified to include "N" (total cloud cover) as described in FHM-2 paragraph 4.2.2.1 and "h" (height of lowest cloud) as described in FMH-2 paragraph 4.2.1.3.</p> <p><i>Where:</i> "8" is the code group indicator. "N" is total fraction of oktas (eighths) of the celestial dome covered by clouds, where "9" represents sky obscured by fog and/or other meteorological phenomena and "/" in the "N" position means cloud cover is indiscernible for reasons other than fog or other meteorological phenomena, or the observation was not made. N<sub>h</sub> gives the total amount (oktas) of all C<sub>L</sub> clouds. If there are no C<sub>L</sub> clouds, N<sub>h</sub> gives the total amount of all C<sub>M</sub> clouds. Otherwise N<sub>h</sub>=0. N<sub>h</sub>=9 for sky obscured by fog and/or other meteorological phenomena. N<sub>h</sub>=/ for cloud cover indiscernible for reasons other than fog or other meteorological phenomena, or if the observation is not made. C<sub>L</sub>, C<sub>M</sub>, and C<sub>H</sub> are types of low, middle, and high clouds respectively. "0" is coded for clouds absent, except that "/" is coded in the cloud layer subfield(s) above on overcast layer if the types are not determinable. "h" gives the height with respect to the surface of the base of the lowest cloud seen. It is a single digit coded in accordance with FMH-2, Table 3-3. "h" and C<sub>L</sub> C<sub>M</sub> C<sub>H</sub> are coded with "/" if there is a total surface based obscuration which prevents an observation of the clouds.</p> <p><i>Example:</i> 8220850.</p> <p><i>Interpretation:</i> N=2 oktas total cloud cover. Scattered middle clouds (N<sub>h</sub>=2 oktas cloud coverage and C<sub>L</sub>=0) with bases between 7,000 and 8,000 ft AGL (h=8); no low clouds; middle clouds are alto-cumulus progressively invading the sky; no high clouds.</p> <p><i>Missing data indicator:</i> The "8" group is not reported for clear skies.</p>

Precipitation types			
Weather	Contraction	Weather	Contraction
Rain .....	R .....	Snow .....	S
Rain Showers.	RW .....	Snow Showers.	SW
Drizzle ...	L .....	Snow Pellets.	SP

Precipitation types			
Weather	Contraction	Weather	Contraction
Freezing Rain.	ZR .....	Snow Grains.	SG
Freezing Drizzle.	ZL .....	Ice Crystals.	IC

Precipitation types			
Weather	Contraction	Weather	Contraction
Ice Pellets.	IP .....	Hail .....	A
Ice Pellet Showers.	IPW .....	.....	