

MDL Table B

Descriptor	Description	Unit	Scale	Ref. Value	Data Width
0-60-001	Probability of liquid equivalent precipitation ≥ 0.01 ", past 6 hrs	%	0	0	7
0-60-002	Probability of liquid equivalent precipitation ≥ 0.01 ", past 12 hrs	%	0	0	7
0-60-003	Probability of liquid equivalent precipitation ≥ 0.01 ", past 24 hrs	%	0	0	7
0-60-004	Probability of liquid equivalent precipitation ≥ 0.10 ", past 6 hrs	%	0	0	7
0-60-005	Probability of liquid equivalent precipitation ≥ 0.10 ", past 12 hrs	%	0	0	7
0-60-006	Probability of liquid equivalent precipitation ≥ 0.10 ", past 24 hrs	%	0	0	7
0-60-007	Probability of liquid equivalent precipitation ≥ 0.25 ", past 6 hrs	%	0	0	7
0-60-008	Probability of liquid equivalent precipitation ≥ 0.25 ", past 12 hrs	%	0	0	7
0-60-009	Probability of liquid equivalent precipitation ≥ 0.25 ", past 24 hrs	%	0	0	7
0-60-010	Probability of liquid equivalent precipitation ≥ 0.50 ", past 6 hrs	%	0	0	7
0-60-011	Probability of liquid equivalent precipitation ≥ 0.50 ", past 12 hrs	%	0	0	7
0-60-012	Probability of liquid equivalent precipitation ≥ 0.50 ", past 24 hrs	%	0	0	7
0-60-013	Probability of liquid equivalent precipitation ≥ 1.00 ", past 6 hrs	%	0	0	7
0-60-014	Probability of liquid equivalent precipitation ≥ 1.00 ", past 12 hrs	%	0	0	7
0-60-015	Probability of liquid equivalent precipitation ≥ 1.00 ", past 24 hrs	%	0	0	7
0-60-016	Probability of liquid equivalent precipitation ≥ 2.00 ", past 12 hrs	%	0	0	7
0-60-017	Probability of liquid equivalent precipitation ≥ 2.00 ", past 24 hrs	%	0	0	7
0-60-018	Rel. freq. of ≥ 0.01 " liquid equiv. precip., past 12 hrs (climatic)	%	0	0	7
0-60-019	Rel. freq. of ≥ 0.01 " liquid equiv. precip., past 24 hrs (climatic)	%	0	0	7
0-60-020	Conditional probability of precipitation type - freezing	%	0	0	7
0-60-021	Conditional probability of precipitation type - snow	%	0	0	7
0-60-022	Conditional probability of precipitation type - liquid	%	0	0	7
0-60-023	Conditional probability of precipitation type - drizzle	%	0	0	7
0-60-024	Conditional probability of precipitation type - steady	%	0	0	7
0-60-025	Conditional probability of precipitation type - showers	%	0	0	7
0-60-026	Probability of snow amount \geq trace, past 6 hrs	%	0	0	7
0-60-027	Probability of snow amount \geq trace, past 12 hrs	%	0	0	7
0-60-028	Probability of snow amount \geq trace, past 24 hrs	%	0	0	7
0-60-029	Probability of snow amount ≥ 2 ", past 6 hrs	%	0	0	7
0-60-030	Probability of snow amount ≥ 2 ", past 12 hrs	%	0	0	7

Descriptor	Description	Unit	Scale	Ref. Value	Data Width
0-60-031	Probability of snow amount $\geq 2"$, past 24 hrs	%	0	0	7
0-60-032	Probability of snow amount $\geq 4"$, past 12 hrs	%	0	0	7
0-60-033	Probability of snow amount $\geq 4"$, past 24 hrs	%	0	0	7
0-60-034	Probability of snow amount $\geq 6"$, past 12 hrs	%	0	0	7
0-60-035	Probability of snow amount $\geq 6"$, past 24 hrs	%	0	0	7
0-60-036	Conditional probability of snow, past 12 hrs	%	0	0	7
0-60-037	Conditional relative frequency of snow, past 12 hrs (climatic)	%	0	0	7
0-60-038	Probability of opaque sky cover - clear	%	0	0	7
0-60-039	Probability of opaque sky cover - scattered	%	0	0	7
0-60-040	Probability of opaque sky cover - broken	%	0	0	7
0-60-041	Probability of opaque sky cover - overcast	%	0	0	7
0-60-042	Probability of ceiling height < 200 feet	%	0	0	7
0-60-043	Probability of ceiling height 200 - 400 feet	%	0	0	7
0-60-044	Probability of ceiling height 500 - 900 feet	%	0	0	7
0-60-045	Probability of ceiling height 1000 - 3000 feet (OLD)	%	0	0	7
0-60-046	Probability of ceiling height 3100 - 6500 feet	%	0	0	7
0-60-047	Probability of ceiling height 6600 - 12000 feet	%	0	0	7
0-60-048	Probability of ceiling height > 12000 feet	%	0	0	7
0-60-049	Probability of visibility $< 1/2$ mile	%	0	0	7
0-60-050	Probability of visibility $1/2$ to $7/8$ mile	%	0	0	7
0-60-051	Probability of visibility 1 to $2 3/4$ miles	%	0	0	7
0-60-052	Probability of visibility 3 to 5 miles	%	0	0	7
0-60-053	Probability of visibility > 5 miles	%	0	0	7
0-60-054	Probability of obstruction to vision - blowing phenomena	%	0	0	7
0-60-055	Probability of obstruction to vision - haze	%	0	0	7
0-60-056	Probability of obstruction to vision - fog	%	0	0	7
0-60-057	Probability of obstruction to vision - none	%	0	0	7
0-60-058	Probability of thunderstorm, past 6 hours	%	0	0	7
0-60-059	Probability of thunderstorm, past 12 hours	%	0	0	7
0-60-060	Probability of thunderstorm, past 24 hours	%	0	0	7
0-60-061	Conditional Probability of severe weather, past 6 hours	%	0	0	7
0-60-062	Conditional Probability of severe weather, past 12 hours	%	0	0	7

Descriptor	Description	Unit	Scale	Ref. Value	Data Width
0-60-063	Conditional Probability of severe weather, past 24 hours	%	0	0	7
0-60-064	Climatic average cloud cover (opaque) during past 12 hours	%	0	0	7
0-60-065	Climatic wind speed during past 12 hours	m/s	1	0	12
0-60-066	Climatic (normal) day maximum temperature	K	1	0	12
0-60-067	Climatic (normal) night minimum temperature	K	1	0	12
0-60-068	Cond. 25% Prep. Amt. Fractile, past 24 hrs	kg/m2	1	-1	14
0-60-069	Cond. 50% Prep. Amt. Fractile, past 24 hrs	kg/m2	1	-1	14
0-60-070	Cond. 75% Prep. Amt. Fractile, past 24 hrs	kg/m2	1	-1	14
0-60-071	Probability of precip. amount ≥ 0.01 ", during the past 6 hours	%	0	0	7
0-60-072	Probability of precip. amount ≥ 0.01 ", during the past 12 hours	%	0	0	7
0-60-073	Pct Precip in 1st 6-h period past 24 hrs (NGM)	%	0	0	7
0-60-074	Pct Precip in 2nd 6-h period past 24 hrs (NGM)	%	0	0	7
0-60-075	Pct Precip in 3rd 6-h period past 24 hrs (NGM)	%	0	0	7
0-60-076	Pct Precip in 4th 6-h period past 24 hrs (NGM)	%	0	0	7
0-60-077					
0-60-078					
0-60-079	Probability of thunderstorm, past 2 hours	%	0	0	7
0-60-080	Probability of ceiling height 1000 - 1900 feet	%	0	0	7
0-60-081	Probability of ceiling height 2000 - 3000 feet	%	0	0	7
0-60-082	Conditional probability of ceiling ht < 200 feet	%	0	0	7
0-60-083	Conditional probability of ceiling ht 200 – 400 feet	%	0	0	7
0-60-084	Conditional probability of ceiling ht 500 – 900 feet	%	0	0	7
0-60-085	Conditional probability of ceiling ht 1000 – 1900 feet	%	0	0	7
0-60-086	Conditional probability of ceiling ht 2000 – 3000 feet	%	0	0	7
0-60-087	Conditional probability of ceiling ht 3100 – 6500 feet	%	0	0	7
0-60-088	Conditional probability of ceiling ht 6600 – 12000 feet	%	0	0	7
0-60-089	Conditional probability of ceiling ht > 12000 feet	%	0	0	7
0-60-090	Quantitative Precipitation Forecast (categories)	CODE	0	0	4
0-60-091	Conditional Precipitation Type Forecast (categories)	CODE	0	0	3
0-60-092	Conditional Precipitation Character Forecast (categories)	CODE	0	0	3
0-60-093	Quantitative Snow Amount Forecast (categories)	CODE	0	0	4
0-60-094	Ceiling Height Forecast (categories)	CODE	0	0	4

Descriptor	Description	Unit	Scale	Ref. Value	Data Width
0-60-095	Visibility Forecast (categories)	CODE	0	0	3
0-60-096	Obstruction to Vision Forecast (categories)	CODE	0	0	3
0-60-097	Thunderstorm forecast (categories)	CODE	0	0	2
0-60-098	Severe Weather Forecast (categories)	CODE	0	0	2
0-60-099	Combined Ceiling/Visibility 3-category	CODE	0	0	3
0-60-100	Probability of 0/8 of sky covered with clouds (CLR)	%	0	0	7
0-60-101	Probability of 1/8 - 4/8 of sky covered with clouds (SCT - OLD!)	%	0	0	7
0-60-102					
0-60-103	Probability of 5/8 - 7/8 of sky covered with clouds (BKN)	%	0	0	7
0-60-104	Probability of 8/8 of sky covered with clouds (OVC)	%	0	0	7
0-60-105	Probability of sky cover mostly clear	%	0	0	7
0-60-106	Probability of sky cover partly cloudy	%	0	0	7
0-60-107	Probability of sky cover mostly cloudy	%	0	0	7
0-60-108	Probability of 1/8 - 2/8 of sky covered with clouds (FEW)	%	0	0	7
0-60-109	Probability of 3/8 - 4/8 of sky covered with clouds (SCT)	%	0	0	7
0-60-110	Probability of visibility \leq ¼ mile	%	0	0	7
0-60-111	Probability of visibility \leq ½ mile	%	0	0	7
0-60-112	Probability of visibility < 1 mile	%	0	0	7
0-60-113	Probability of visibility < 3 miles	%	0	0	7
0-60-114	Probability of visibility \leq 5 miles	%	0	0	7
0-60-115	Probability of visibility \leq 6 miles	%	0	0	7
0-60-116	Probability of obstruction to vision - mist	%	0	0	7
0-60-117	Probability of obstruction to vision - fog	%	0	0	7
0-60-118	Probability of visibility < 2 miles	%	0	0	7
0-60-119					
0-60-120					
0-60-121					
0-60-122					
0-60-123					
0-60-124					
0-60-125					
0-60-126					

Descriptor	Description	Unit	Scale	Ref. Value	Data Width
0-60-127					
0-60-128					
0-60-129					
0-60-130					
0-60-131					
0-60-132					
0-60-133					
0-60-134					
0-60-135					
0-60-136					
0-60-137					
0-60-138					
0-60-139					
0-60-140	Probability of precipitation type freezing - 12 hrs	%	0	0	7
0-60-141	Probability of precipitation type snow - 12 hrs	%	0	0	7
0-60-142	Probability of precipitation type mixed - 12 hrs	%	0	0	7
0-60-143	Probability of precipitation type liquid - 12 hrs	%	0	0	7
0-60-144	Probability of snow amount ≥ 0.1 " (> trace) during past 24 hours	%	0	0	7
0-60-145	Probability of snow amount ≥ 8 " during past 24 hours	%	0	0	7
0-60-146	Probability of liquid equivalent precipitation ≥ 3.00 ", past 24 hrs	%	0	0	7
0-60-147	Conditional expected precipitation amount	kg/m ³	1	-1	14
0-60-148	Probability of precipitation occurrence	%	0	0	7
0-60-149	Probability of precipitation occurrence last 3 hrs	%	0	0	7
0-60-150	Unconditional probability of severe weather during past 6 hrs	%	0	0	7
0-60-151	Unconditional probability of severe weather during past 12 hrs	%	0	0	7
0-60-152	Unconditional probability of severe weather during past 24 hrs	%	0	0	7
0-60-153					
0-60-154					
0-60-155					
0-60-156					
0-60-157					
0-60-158					

Descriptor	Description	Unit	Scale	Ref. Value	Data Width
0-60-159					
0-60-160	Probability of liquid equivalent precipitation \geq 0.01", past 1 hr	%	0	0	7
0-60-161	Probability of liquid equivalent precipitation \geq 0.01", past 3 hrs	%	0	0	7
0-60-162	Probability of liquid equivalent precipitation \geq 0.10", past 3 hrs	%	0	0	7
0-60-163	Probability of liquid equivalent precipitation \geq 0.25", past 3 hrs	%	0	0	7
0-60-164	Probability of liquid equivalent precipitation \geq 0.50", past 3 hrs	%	0	0	7
0-60-165	Probability of liquid equivalent precipitation \geq 1.00", past 3 hrs	%	0	0	7
0-60-166					
0-60-167					
0-60-168					
0-60-169					
0-60-170	Conditional probability of precip type - ice pellets	%	0	0	7
0-60-171	Conditional probability of precip type - mixed snow/rain	%	0	0	7
0-60-172	Conditional probability of freezing, past 3 hrs	%	0	0	7
0-60-173	Conditional probability of ice pellets, past 3 hrs	%	0	0	7
0-60-174	Conditional probability of snow, past 3 hrs	%	0	0	7
0-60-175	Conditional probability of mixed snow/rain, past 3 hrs	%	0	0	7
0-60-176	Conditional probability of rain, past 3 hrs	%	0	0	7
0-60-177					
0-60-178					
0-60-179					
0-60-180	Percent -- predominant opaque sky cover, past 3 hrs	%	0	0	7
0-60-181	Probability of clear (predominant opaque sky cover, past 3 hrs)	%	0	0	7
0-60-182	Prob. of mostly clear (predominant opaque sky cover, past 3 hrs)	%	0	0	7
0-60-183	Prob. of partly cloudy (predominant opaque sky cover, past 3 hrs)	%	0	0	7
0-60-184	Prob. of mostly cloudy (predominant opaque sky cover, past 3 hrs)	%	0	0	7
0-60-185	Prob. of considerably cloudy (pred. opaque sky cover, past 3 hrs)	%	0	0	7
0-60-186	Probability of cloudy (predominant opaque sky cover, past 3 hrs)	%	0	0	7
0-60-187					
0-60-188					
0-60-189					
0-60-190	Visibility Forecast (categories)	CODE	0	0	4

Descriptor	Description	Unit	Scale	Ref. Value	Data Width
0-60-191	Combined CIG/VIS 4-category	CODE	0	0	3
0-60-192	Sky Cover Forecast (categories)	CODE	0	0	4
0-60-193	Conditional Visibility Forecast (categories)	CODE	0	0	4
0-60-194	Conditional Ceiling Height (categories)	CODE	0	0	4
0-60-195	Probability of Precip. (categories)	CODE	0	0	2
0-60-196					
0-60-197					
0-60-198					
0-60-199					
0-60-200	Conditional probability of visibility < ½ mile	%	0	0	7
0-60-201	Conditional probability of visibility < 1 mile	%	0	0	7
0-60-202	Conditional probability of visibility < 2 miles	%	0	0	7
0-60-203	Conditional probability of visibility < 3 miles	%	0	0	7
0-60-204	Conditional probability of visibility ≤ 5 miles	%	0	0	7
0-60-205	Conditional probability of visibility ≤ 6 miles	%	0	0	7
0-60-206					
0-60-207					
0-60-208					
0-60-209					
0-60-210	Probability of fog with visibility ≤ ¼ mile, past 3 hrs	%	0	0	7
0-60-211					
0-60-212					
0-60-213					
0-60-214					
0-60-215					
0-60-216					
0-60-217					
0-60-218					
0-60-219					
0-60-220	Conditional probability of thunderstorm, past 3 hrs	%	0	0	7
0-60-221	Conditional probability of severe weather, past 3 hrs	%	0	0	7
0-60-222	Unconditional probability of thunderstorm, past 3 hrs	%	0	0	7

Descriptor	Description	Unit	Scale	Ref. Value	Data Width
0-60-223	Unconditional probability of severe weather, past 3 hrs	%	0	0	7
0-60-224					
0-60-225					
0-60-226					
0-60-227					
0-60-228					
0-60-229					
0-60-230					
0-60-231					
0-60-232					
0-60-233					
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0-60-248					
0-60-249					
0-60-250					
0-60-251					
0-60-252					
0-60-253					
0-60-254, 0-60-255					