

Availability of Gridded MOS Guidance

Table A.1. Projections for which GFS-based MOS maximum (max) and minimum (min) temperature gridded products are issued. As noted in the table, guidance is available from either the 0000 or 1200 UTC cycles only. Note that the projections for the max and min temperature are only approximations, and denote daytime and nighttime valid periods, respectively.

Type															
	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192**
Max	00Z	12Z	00Z	12Z	00Z	12Z	00Z	12Z	00Z	12Z	00Z	12Z	00Z	12Z	00Z
Min	12Z	00Z	12Z	00Z	12Z	00Z	12Z	00Z	12Z	00Z	12Z	00Z	12Z	00Z	12Z

** At the time of initial implementation in May 2008, the 192-hr max/min will not be available for Alaska. It will be added at a future date.

Table A.2. Projections for which GFS-based MOS temperature, dew point, relative humidity, wind direction, wind speed, wind gust, sky cover and precipitation type gridded products are issued. Guidance is available from both the 0000 and 1200 UTC cycles. Projections refer to hours after 0000 or 1200 UTC.

Type	Forecast Projections
Temperature	Every 3 h from 6 to 192 hours
Dew Point	Every 3 h from 6 to 192 hours
Relative humidity	Every 3 h from 6 to 192 hours
Wind direction	Every 3 h from 6 to 192 hours
Wind speed	Every 3 h from 6 to 192 hours
Wind gusts	Every 3 h from 6 to 192 hours
Sky cover	Every 3 h from 6 to 192 hours
Precipitation type	Every 3 h from 6 to 192 hours

Table A.3. Projections for which GFS-based MOS probability of precipitation and probability of thunderstorms gridded products are issued. Guidance is available from both the 0000 and 1200 UTC cycles. Projections refer to the hour after 0000 or 1200 UTC that the period ends.

Type	Forecast Projections
Probability of precipitation – 6 h period	Every 6 h from 12 to 192 hours
Probability of precipitation – 12 h period	Every 6 h from 18 to 192 hours
Probability of thunderstorms – 3 h period	Every 3 h from 9 to 84 hours
Probability of thunderstorms – 6 h period	Every 6 h from 12 to 192 hours (156 for Alaska)
Probability of thunderstorms – 12 h period	Every 6 h from 18 to 192 hours (156 for Alaska)

Table A.4. Projections for which GFS-based MOS quantitative precipitation and snowfall amount gridded products are issued. Guidance is available from both the 0000 and 1200 UTC cycles. Projections refer to the hour after 0000 or 1200 UTC that the period ends.

Type	Forecast Projections
Quantitative precipitation – 6 h period	Every 6 h from 12 to 156 hours
Quantitative precipitation – 12 h period	Every 6 h from 18 to 156 hours
Snowfall amount – 24 h period	Every 12 h from 36 to 132 hours