

# S2S real-time minimum over the last 6 hours

This example represents a 6-hour minimum of a field valid on 20120103 00Z produced by a forecast started on 20120101 00Z . In this example, the minimum is the 6-hourly minimum in the time interval: steps 42 to 48.

- In **bold**, the values are fixed. They are meant to be used by all partners
- In **green**, these are the values for the example.

Time (Minimum over the last 6 hours )				
Start of re-forecast ( section 1 )				
Oct ets		Fixed	Meaning of values	Grib_api keys
12	Significance of Reference Time	1	Start of forecast	
13-14	Year (four digits)	2012	year of start of forecast	dataDate=20120101 dataTime=0
15	Month	01	month of start of forecast	
16	Day	01	day of start of forecast	
17	Hour	00	hour of start of forecast	
Minimum ( section 4 e.g. Template 4.11)				
18	Indicator of unit of time range	1	Hour	
19-22	Forecast time	42	Step at the beginning of the 6-hourly interval	startStep=42
45-46	year of end of overall time interval	2012	End of minimum period	endStep=48
47	month of end of overall time interval	01		
48	day of end of overall time interval	03		
49	hour of end of overall time interval	00		
52	number of time ranges	1	Only one time statistics applied (minimum)	
53-56	total number of data values missing in statistical process	0		
57	Statistical process used to calculate the processed field  from the field at each time increment during the time range	3	Minimum	stepType=min
58	Type of time increment between successive fields  used in the statistical processing	2	Successive times processed have same start time of forecast, forecast time is incremented	
59	Indicator of unit of time for time range over which statistical processing is done	1	Hour	indicatorOfUnitForTimeRange=1
60-63	Length of the time range over which statistical processing is done, in units defined by the previous octet	6	6-hourly minimum	lengthOfTimeRange=6
64	Indicator of unit of time for the increment between the successive fields used	1	Hour	indicatorOfUnitForTimeIncrement=1
65-68	Time increment between successive fields, in units defined by the previous octet	0	Minimum computed continuously in the 6 hourly interval	timeIncrement=0

Examples of grib2 headers:

- [Control Forecasts](#)
- [Perturbed Forecasts](#)