

QUALITY CONTROL STATUS

Air temperature	QCFlag4 (air temperature differences)	QCFlag5 (air temperature stationarity)	QCFlag2 (air temperature data limits)	Status ¹
	0	0	0	00
	0	0	1	01
	0	1	0	02
	0	1	1	03
	1	0	0	04
	1	0	1	05
	1	1	0	06
	1	1	1	07

Air humidity	QCFlag6 (air humidity stationarity)	QCFlag3 (air humidity data limits)	Status ²
	0	0	00
	0	1	01
	1	0	02
1	1	03	

¹ QC status for air temperature is calculated as $QCFlag2 * 1 + QCFlag5 * 2 + QCFlag4 * 4$

² QC status for air humidity is calculated as $QCFlag3 * 1 + QCFlag6 * 2$

	QCFlag8 (wind direction stationarity)	QCFlag7 (wind speed stationarity)	QCFlag6 (wind direction differences)	QCFlag5 (wind speed differences)	QCFlag4 (wind and gusts speed limits)	QCFlag3 (gusts speed limits)	QCFlag2 (wind speed limits)	Status ³
Wind	0	0	0	0	0	0	0	00
	0	0	0	0	0	0	1	01

	1	1	1	1	1	1	1	7F

³ QC status for wind is calculated as

$$QCFlag2 * 1 + QCFlag3 * 2 + QCFlag4 * 4 + QCFlag5 * 8 + QCFlag6 * 16 + QCFlag7 * 32 + QCFlag8 * 64$$