

2. Upper-air (radiosonde) land stations

The issues described in Table 2 shall be identified in most daily monitoring reports of the different WIGOS Monitoring Centres, not in daily monitoring reports of one particular WIGOS Monitoring Centre only.

Table 2. Issues with upper-air (radiosonde) land stations

<i>Category</i>	<i>Description</i>	<i>Level of priority</i>
Data availability (issues/incidents might be identified in TAC and/or BUFR data)	One station showed data outages occasionally in the last 5 d	Low
	Several/all stations of one NMHS/country showed data outages occasionally in the last 5 d	Medium
	One station did not provide any data since 5 d ago	High
	Several/all stations of one NMHS/country did not provide any data since 5 d ago	Very high
Timeliness (data of an entire sounding should be available to users within 100 min after the nominal observation time)	Data of the entire sounding of one station seemed to arrive delayed (later than 100 min) occasionally in the last 5 d	Low
	Data of the entire soundings of several/all stations of one NMHS/country seemed to arrive delayed (later than 100 min) occasionally in the last 5 d	Medium
	All data of the entire sounding of one station seemed to arrive delayed (later than 100 min) in the last 5 d	High
	All data of the entire soundings of several/all stations of one NMHS/country seemed to arrive delayed (later than 100 min) in the last 5 d	Very high
Accuracy/ measurement uncertainty (issues/incidents might be identified for several parameters, for example pressure, temperature, wind and humidity)	Daily averages of quantitative measures of performance characteristics (based on O-B results from NWP) of one station exceeded the target occasionally since 5 d ago (regarding bias [trueness], standard deviation [precision] or number of gross errors)	Low
	Daily averages of quantitative measures of performance characteristics (based on NWP O-B results) of several/all stations of one NMHS/country exceeded the target occasionally since 5 d ago (regarding bias [trueness], standard deviation [precision] or number of gross errors)	Medium
	All daily averages of quantitative measures of performance characteristics (based on NWP O-B results) of one station exceeded the target since 5 d ago (regarding bias [trueness], standard deviation [precision] or number of gross errors)	High
	All daily averages of quantitative measures of performance characteristics (based on NWP O-B results) of several/all stations of one NMHS/country exceeded the target since 5 d ago (regarding bias [trueness], standard deviation [precision] or number of gross errors)	Very high
Quality (issues/incidents might be identified concerning suspicious values in the reports, for example negative temperatures or snow during the summer)	One station showed suspicious values in the soundings occasionally in the last 5 d	Low
	Several/all stations of one NMHS/country showed suspicious values in soundings occasionally in the last 5 d	Medium
	All data of one station showed suspicious values in soundings since 5 d ago	High
	All data of several/all stations of one NMHS/country showed suspicious values in soundings since 5 d ago	Very high