VAISALA

Changes that can be identified with the help of the radiosonde serial number

Radiosonde serial number YWWDxxxx = lot number (YWWD) + sequential number (xxxx)
For example, the first product manufactured on Tuesday during week 14 in 2017 would be referred to as N1420001

Time of change	Radiosonde model	Short description of the change	Parameter (P/T/U/W)	Data continuity effect	2017 (N) Sequential numbers 0001-9999	2018 (P) Sequential numbers 0001-9999	2019 (R) Sequential numbers 0001-9999	2020 (S) Sequential numbers 0001-9999	2021 (T) Sequential numbers 0001-9999	2022 (U) Sequential numbers 0001-9999	2023 (V) Sequential numbers 0001-9999	2024 (W) Sequential numbers 0001-9999	2025 (X) Sequential numbers 0001-9999	2026 (Y) Sequential numbers 0001-9999
2017-10	RS41	Cover improvement; change of covers from hard plastic to EPS	-	None	Gradually from N335	All RS41-D from P071 All RS41-SG from P111 All RS41-SGM from P111	X	X	X	X	X	X	X	X
2019-05	RS41	Change of the 2D code location on the sensor boom	-	None			All RS41 models starting from R213	X	X	X	X	X	X	X
2022-05	RS41	Vaisala BioTwine available as an option for RS41-SG and RS41-SGP	-	None						RS41-SG and -SGP models with applicable configuration code	X	X	X	X
2023-09	RS41	Vaisala Radiosonde RS41 E-models available with BioCover and BioTwine	-	None							RS41-SGE and RS41-SGPE models	X	X	X
2025-01	RS41	Vaisala Radiosonde RS41 available with multi-GNSS capability	-	None									RS41-SG, -SGP and -SGM models with applicable configuration code	All RS41 models having serial number starting with letter "Y"

Changes that can be identified with the help of the sounding software version and/or a user setting

Time of change	Short description of the change	Parameter (P/T/U/W)	Data continuity effect	Vaisala Cirrus® Sounding System MW51	Sounding System MW41	MARWIN® Sounding System MW32
2020-03	Height with RS41-SGP changed to origin from the filtered pressure data	P	None	5.0	2.16	
2022-08	Improved U time lag correction	U	None	5.2		
2022-08	Correction for temperature at high descent speed	T, GNSS P	In descent	5.2		
2022-08	Correction for sensor pressure at high descent speed	T	In descent	5.2		
2022-11	Improved descent phase wind filtering	W	In descent	5.3		
2025-01	Multi-GNSS support for RS41	GNSS P, W	None	5.10		