

ACME radio sondes at Princess Elisabeth Antarctica

First launch 01 December 2020

SYSTEM - GRAW receiving station GS-E and radiosonde DFM-09; GRAW software, like in season 2018-2019

Launches by Preben Van Overmeiren and Henri Robert

Station height 1380 m asl in initialization in system

In ascii files start height is meter above sea level

DATE	REMARKS
01 Dec 2020	launch 1058 UT – TA350 balloon / up to 26 km / very cold UTLS
03 Dec 2020	launch 1104 UT – TA350 balloon / up to 28 km / very cold UTLS
05 Dec 2020	launch 1052 UT – TA350 balloon / up to 16 km
09 Dec 2020	launch 1045 UT – TA350 balloon / up to 26 km / very cold UTLS
14 Dec 2020	launch 1103 UT – TA350 balloon / up to 28 km /very warm at ground
16 Dec 2020	launch 1051 UT – TA350 balloon / up to 26 km / high wind at very low level
18 Dec 2020	launch 1101 UT – TA350 balloon / up to 24 km /
21 Dec 2020	launch 1105 UT – TA350 balloon / up to 29 km /
23 Dec 2020	launch 1056 UT – TA350 balloon / up to 17 km
25 Dec 2020	launch 1103 UT – TA350 balloon / up to 28 km
28 Dec 2020	launch 1108 UT – TA350 balloon / up to 29 km
31 Dec 2020	launch 1102 UT – TA350 balloon / up to 28 km
04 Jan 2021	launch 1112 UT – TA350 balloon / up to 28 km
06 Jan 2021	launch 1112 UT – TA350 balloon / up to 28 km
08 Jan 2021	launch 1106 UT – TA350 balloon / up to 28 km
14 Jan 2021	launch 1115 UT – TA30 balloon / up to 26 km
16 Jan 2021	launch 1106 UT – TA350 balloon / up to 26 km
18 Jan 2021	launch 1057 UT – TA350 balloon / up to 27 km
20 Jan 2021	launch 1107 UT – TA350 balloon / up to 25 km
22 Jan 2021	launch 1107 UT – TA350 balloon / up to 26 km
24 Jan 2021	launch 1149 UT – TA350 balloon / up to 25 km
26 Jan 2021	launch 1117 UT – TA350 balloon / up to 25 km / ground meteo values not correct in raw file – true values separately sent (829.0 hPa; 130°; 8 kt; -5°C; 39% rH) clouds: few Ac8900 ft and SCT Ci 16000 ft
02 Feb 2021	launch 1101 UT – TA350 balloon / up to 26 km /
04 Feb 2021	launch 1114 UT – TA350 balloon / up to 26 km /
06 Feb 2021	launch 1113 UT – TA350 balloon / up to 27 km / error of reception at start and between 1400 and 4600 m asl /
08 Feb 2021	launch 1056 UT – TA350 balloon / up to 26 km / no absolute height
10 Feb 2021	launch 1104 UT – TA350 balloon / up to 22 km /
12 Feb 2021	launch 1109 UT – TA350 balloon / up to 23 km /