

ACME radio sondes at Princess Elisabeth Antarctica

First launch 19 November 2021

SYSTEM - GRAW receiving station GS-E and radiosonde DFM-09; GRAW software,
Launches by Benoit Verdin, Henri Robert, Johnny Gaelens
Station height 1380 m asl in initialization in system
In ascii files start height is meter above sea level

| DATE | REMARKS |
|-------------|--|
| 19 Nov 2021 | launch 1144 UT – TA350 balloon / very humid / gps height above 10010m missing |
| 21 Nov 2021 | launch 1206 UT – TA350 balloon / humid, cold tropopause / up to 27 km |
| 23 Nov 2021 | launch 1157 UT – TA350 balloon / humid, cold tropopause / up to 28 km |
| 25 Nov 2021 | launch 1158 UT – TA350 balloon / humid / up to 23 km |
| 27 Nov 2021 | launch 1155 UT – TA350 balloon / up to 28 km |
| 29 Nov 2021 | launch 1210 UT – TA350 balloon / gaps in humidity-obs / up to 26 km |
| 03 Dec 2021 | launch 1208 UT – TA350 balloon / up to 24 km / |
| 05 Dec 2021 | launch 1200 UT – TA350 balloon / high wind / data only up to 8 km |
| 07 Dec 2021 | launch 1142 UT – TA350 balloon / high wind / up to 28 km / gaps in humidity |
| 09 Dec 2021 | launch 1138 UT – TA350 balloon / up to 28 km |
| 11 Dec 2021 | launch 1148 UT – TA350 balloon / up to 25 km |
| 13 Dec 2021 | launch 1208 UT – TA350 balloon / up to 27 km |
| 15 Dec 2021 | launch 1159 UT – TA350 balloon / up to 28 km |
| 17 Dec 2021 | launch 1205 UT – TA350 balloon / up to 28 km |
| 19 Dec 2021 | launch 1228 UT – TA350 balloon / up to 20.5 km / humid |
| 21 Dec 2021 | launch 1146 UT – TA350 balloon / up to 24.5 km / jet stream up to 45 m/s |
| 23 Dec 2021 | launch 1158 UT – TA350 balloon / up to 27.5 km |
| 25 Dec 2021 | launch 1218 UT – TA350 balloon / up to 26 km |
| 01 Jan 2022 | launch 1206 UT – TA350 balloon / up to 22km / humid |
| 03 Jan 2022 | launch 1205 UT – TA350 balloon / up to 27 km / very humid |
| 05 Jan 2022 | launch 1208 UT – TA350 balloon / up to 29 km / very humid |
| 07 Jan 2022 | launch 1206 UT – TA350 balloon / up to 28 km / humid |
| 11 Jan 2022 | launch 1201 UT – TA350 balloon / up to 26 km / humid, low wind |
| 13 Jan 2022 | launch 1151 UT – TA350 balloon / up to 29 km / dry |
| 15 Jan 2022 | launch 1152 UT – TA350 balloon / up to 27 km / too warm T at ground ? |
| 17 Jan 2022 | launch 1139 UT – TA350 balloon / up to 27 km / |
| 20 Jan 2022 | launch 1143 UT – TA350 balloon / up to 27 km / too warm T at ground ? |
| 22 Jan 2022 | launch 1140 UT – TA350 balloon / up to 30 km / dry / very high wind in UT |
| 24 Jan 2022 | launch 1201 UT – TA350 balloon / up to 28 km |
| 26 Jan 2022 | launch 1142 UT – TA350 balloon / up to 30 km / dry |
| 28 Jan 2022 | launch 1200 UT – TA350 balloon / up to 28 km / dry and low wind |
| 30 Jan 2022 | launch 1140 UT – TA350 balloon / up to 28 km (stays a while around this height) |
| 01 Feb 2022 | launch 1211 UT – TA350 balloon / up to 28 km |
| 03 Feb 2022 | launch 1134 UT – TA350 balloon / up to 30 km |
| 07 Feb 2022 | launch 1238 UT – TA350 balloon / up to 30 km |
| 09 Feb 2022 | launch 1155 UT – TA350 balloon / up to 30 km / LT dry, UT humid |
| 11 Feb 2022 | launch 1136 UT – TA350 balloon / up to 29 km / wind speed error near surface |
| 13 Feb 2022 | launch 1110 UT – TA350 balloon / up to 32 km / wind no measurement up to around 3 km, also T and humidity strange |
| 15 Feb 2022 | launch 1137 UT – TA350 balloon / up to 29 km |