

# ACME radio sondes at Princess Elisabeth Antarctica

SYSTEM - GRAW receiving station GS-E and radiosonde DFM-09; GRAW software, like in season 2018-2019  
Launches by Benoit Verdin,  
Station height 1380 m asl in initialization in system

DATE	REMARKS
13 Nov 2019	launch 1040 ut – TA700 balloon / up to 24 km
15 Nov 2019	launch 1235 ut – TA700 balloon / up to 33 km
17 Nov 2019	launch 1254 ut – TA700 balloon / up to 32 km / humid
19 Nov 2019	launch 1144 ut – TA700 balloon / up to 24 km
21 Nov 2019	launch 1048 ut – TA700 balloon / up to 36 km
23 Nov 2019	launch 1327 ut – TA700 balloon / up to 34 km
25 Nov 2019	launch 1114 ut – TA700 balloon / up to 34 km
27 Nov 2019	launch 1128 ut – TA700 balloon / up to 36 km
29 Nov 2019	launch 1138 ut – TA700 balloon / up to 35 km
01 Dec 2019	launch 1246 ut – TA700 balloon / up to 35 km / humid
03 Dec 2019	launch 1137 ut – TA700 balloon / up to 36 km / humid
05 Dec 2019	launch 1115 ut – TA700 balloon / up to 36 km / humid
07 Dec 2019	launch 1125 ut – TA700 balloon / up to 36 km / warm at ground, then humid
09 Dec 2019	launch 1127 ut – TA700 balloon / up to 36 km / warm at ground, then humid
11 Dec 2019	launch 1236 ut – TA700 balloon / up to 28 km / slow ascent
13 Dec 2019	launch 1209 ut – TA700 balloon / up to 34 km
16 Dec 2019	launch 1126 ut – TA700 balloon / up to 36 km / humid
18 Dec 2019	launch 1133 ut – TA700 balloon / up to 34 km / humid
20 Dec 2019	launch 1146 ut – TA700 balloon / up to 35 km
23 Dec 2019	launch 1135 ut – TA700 balloon / up to 35 km / humid
25 Dec 2019	launch 1518 ut – TA200 balloon / up to 9 km / very humid, probably icing
27 Dec 2019	launch 1120 ut – TA??? balloon / up to 16 km / slow ascent
29 Dec 2019	launch 1143 ut – TA350 balloon / up to 30 km
31 Dec 2019	launch 1120 ut – TA 350 balloon / up to 28 km
02 Jan 2020	launch 1133 ut – TA350 balloon / up to 28 km / humid layer
04 Jan 2020	launch 1208 ut – TA350 balloon / up to 28 km / humid layer
06 Jan 2020	launch 1218 ut – TA350 balloon / up to 28 km / humid and strong wind
08 Jan 2020	launch 1053 ut – TA350 balloon / up to 29 km / one distinct humid layer
10 Jan 2020	launch 1109 ut – TA350 balloon / up to 29 km /
12 Jan 2020	launch 1125 ut – TA350 balloon / up to 11 km / humid layers/ icing of balloon
14 Jan 2020	launch 1121 ut – TA350 balloon / up to 28 km / slow ascent with parts of descent
16 Jan 2020	launch 1132 ut – TA350 balloon / up to 28 km / humid above 4 km asl
18 Jan 2020	launch 1111 ut – TA350 balloon / up to 28 km / high wind
20 Jan 2020	launch 1121 ut – TA350 balloon / up to 28 km / humid / very slow ascent at end
22 Jan 2020	launch 1117 ut – TA350 balloon / up to 29 km / one humid layer, high wind around tropopause / positive Temps at start
24 Jan 2020	launch 1113 ut – TA350 balloon / up to 28 km /
26 Jan 2020	launch 1123 ut – TA350 balloon / up to 26 km /
28 Jan 2020	launch 1112 ut – TA350 balloon / up to 28 km /
30 Jan 2020	launch 1119 ut – TA350 balloon / up to 29 km / humid layer
01 Feb 2020	launch 1124 ut – TA350 balloon / up to 28 km / upper troposphere humid
04 Feb 2020	launch 1053 ut – TA350 balloon / up to 27 km / humid above 4 km
08 Feb 2020	launch 1112 ut – TA350 balloon / up to 27 km / humid around 5 km asl