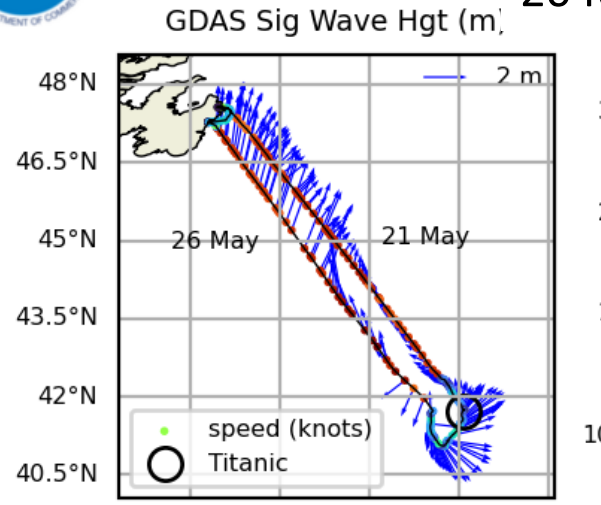
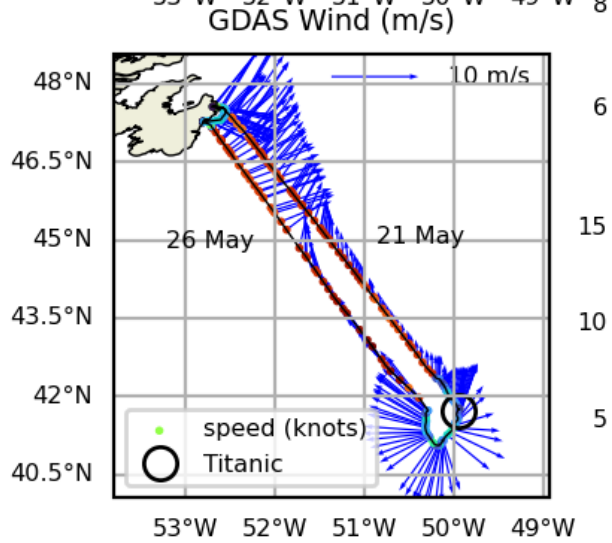
NOAA / NWS Surface Analyses / Weather Charts

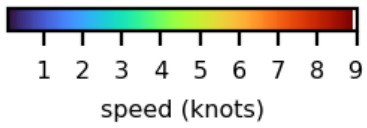
- Mission #2 - 20-28 May 2023 - 3 charts
- Mission #3 - 29 May – 06 Jun 2023 -2 charts
- Mission #4 - 7 – 15 Jun 2023 - 4 charts
- Mission #5 - 16 – 18 Jun 2023 -3 charts

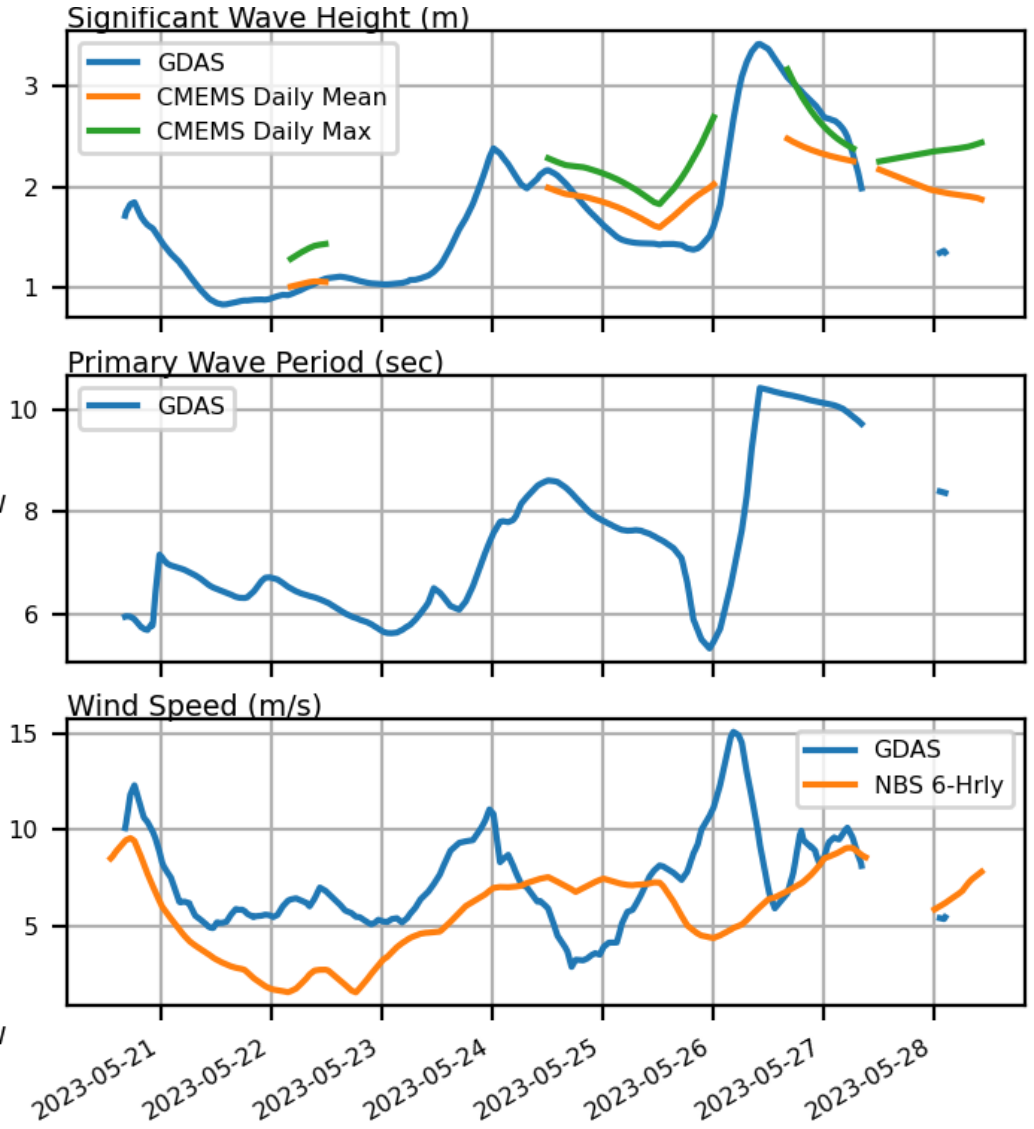
- Vessel positions relative to ongoing weather – AIS positions via U.S. Gov Seavision
- Intention to relate ongoing weather features with the voyage plots

Polar Prince / Titan Mission #2
20 May 2023 to 28 May 2023





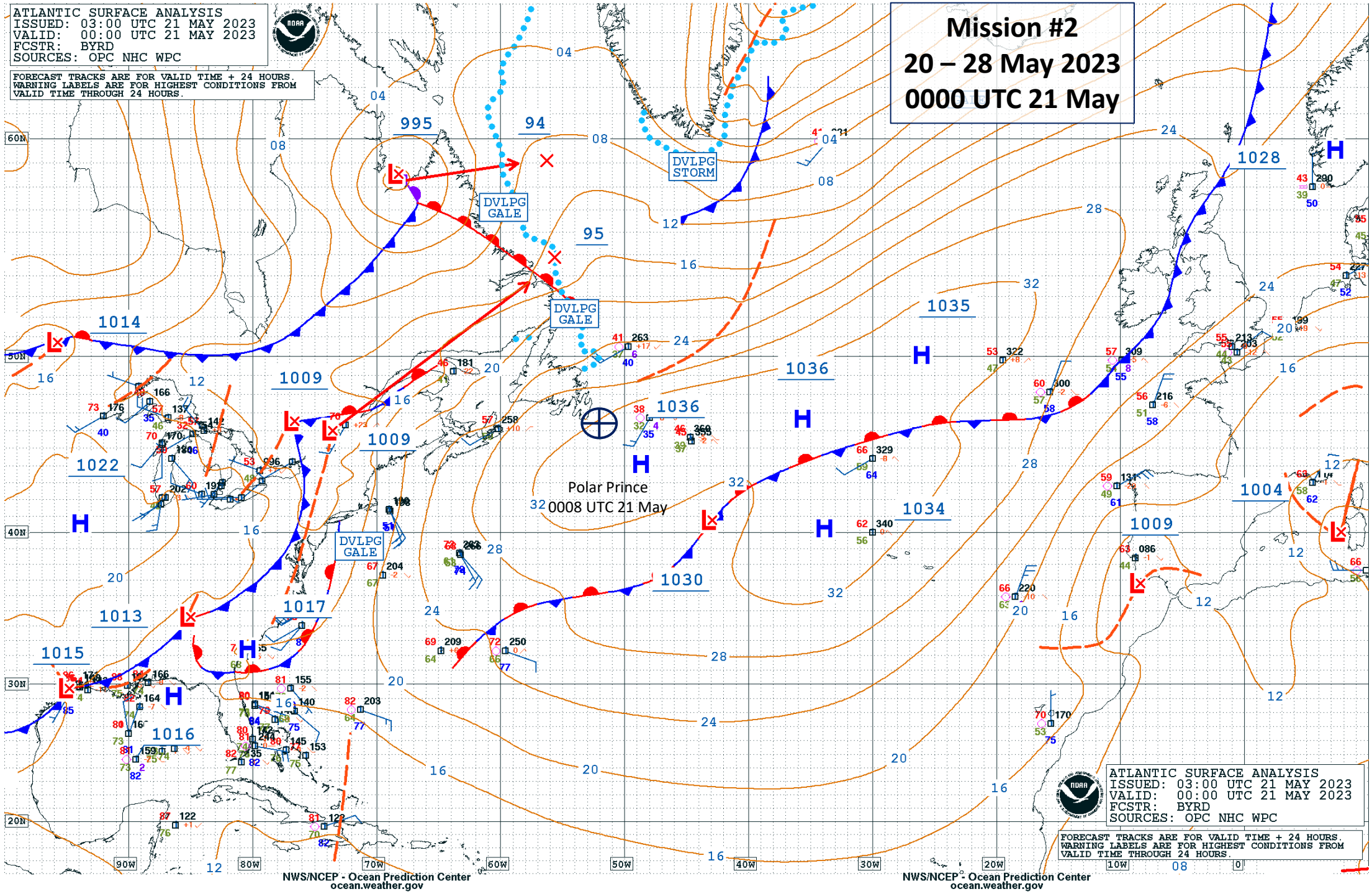


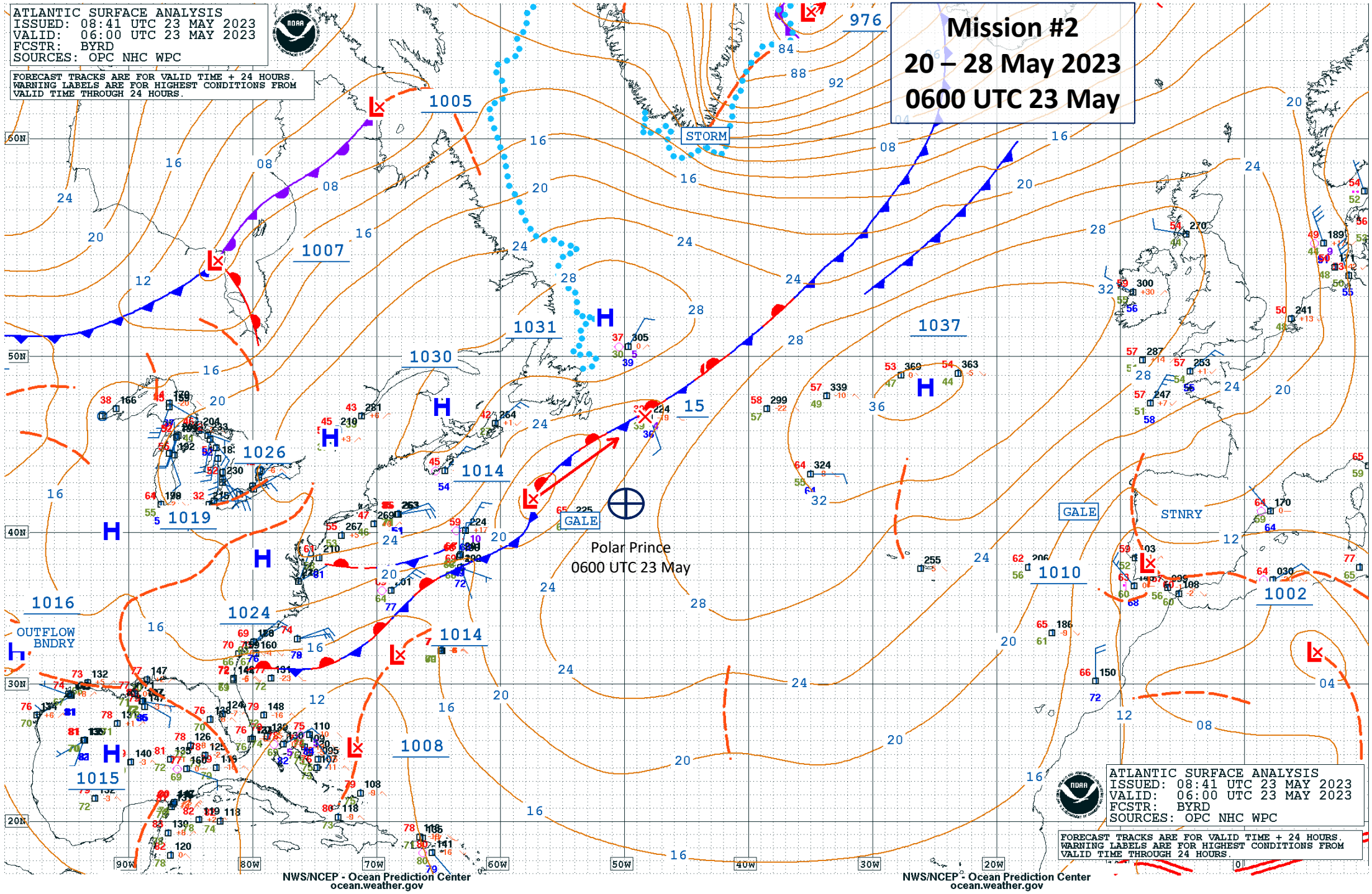


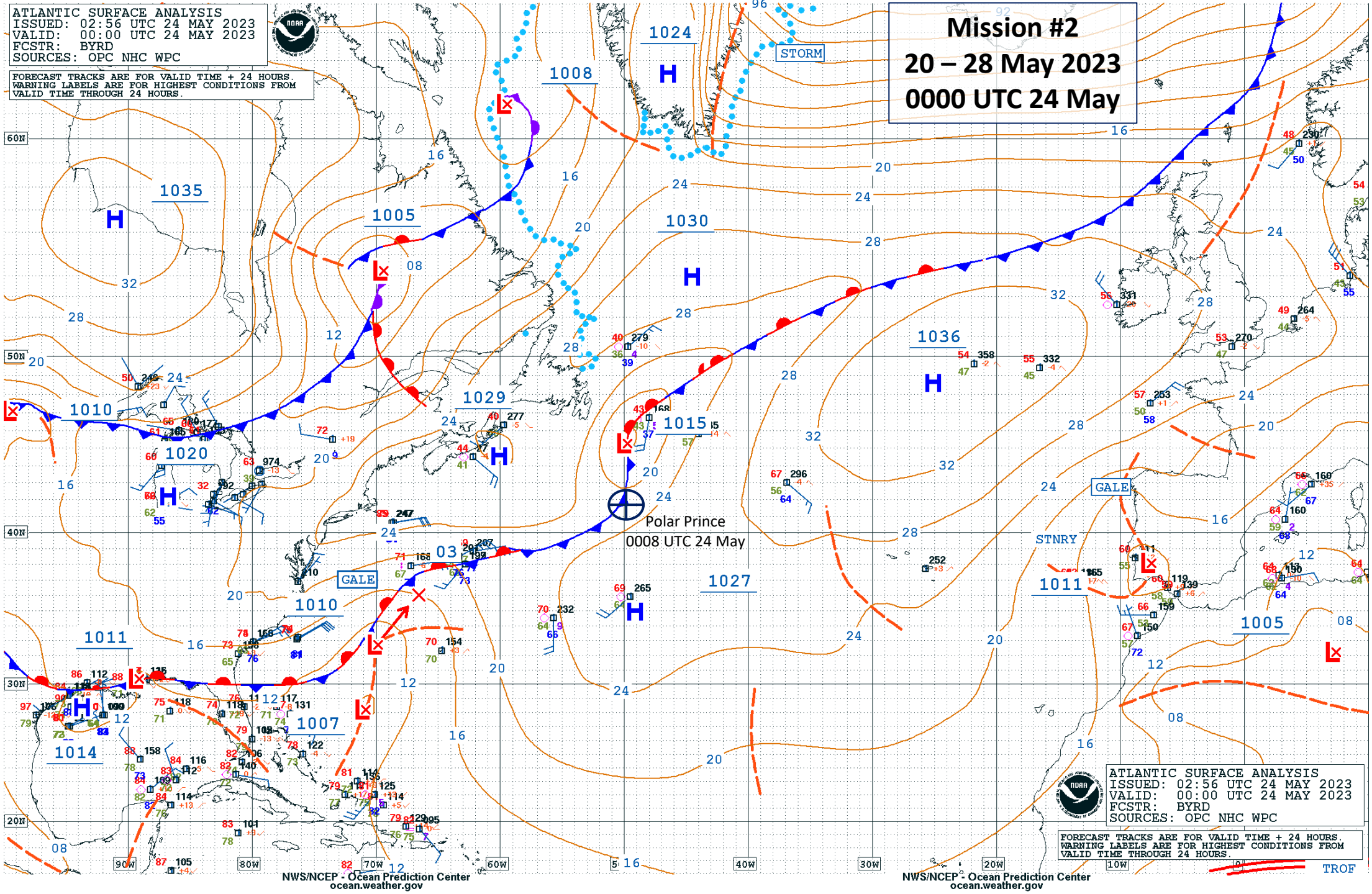
NCEP/OPC

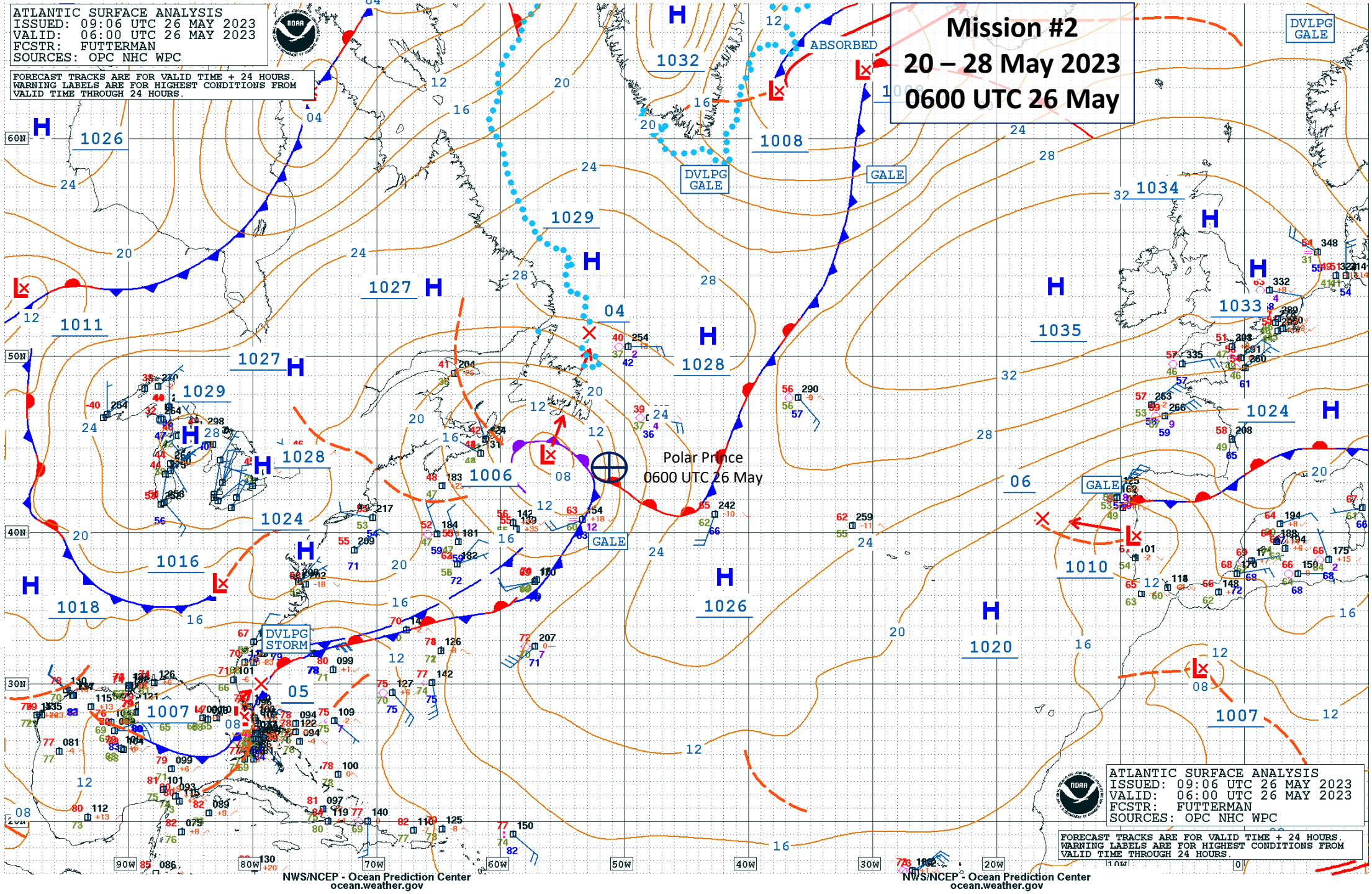
CMEMS: E.U. Copernicus Marine Service Information; DOI: https://doi.org/10.48670/moi-00180
NBS: NOAA NCEI Blended Seawinds version 2.0; DOI: https://doi.org/10.3389/fmars.2022.935549

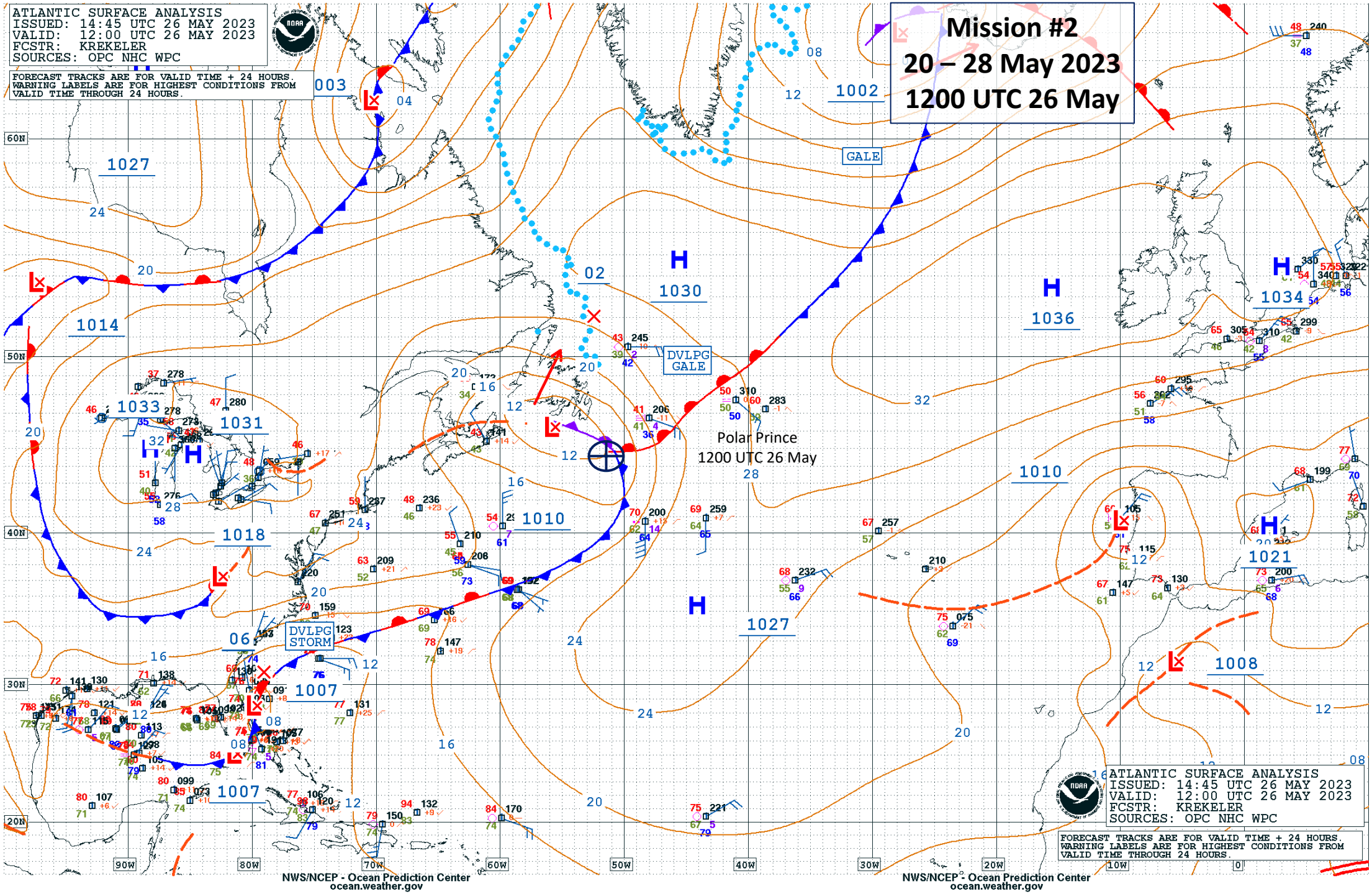
11 Mar 2024


ATLANTIC SURFACE ANALYSIS
ISSUED: 03:00 UTC 21 MAY 2023
VALID: 00:00 UTC 21 MAY 2023
FCSTR: BYRD
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #2
20 – 28 May 2023
0000 UTC 21 May
DVLPG GALE
DVLPG STORM
Polar Prince
0008 UTC 21 May
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov

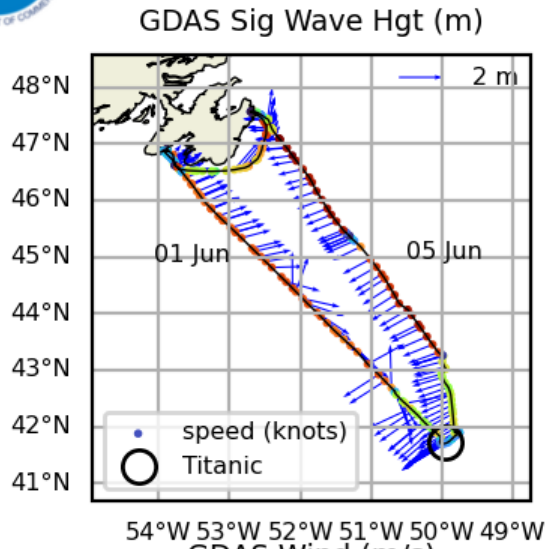

ATLANTIC SURFACE ANALYSIS
ISSUED: 08:41 UTC 23 MAY 2023
VALID: 06:00 UTC 23 MAY 2023
FCSTR: BYRD
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #2
20 – 28 May 2023
0600 UTC 23 May
Polar Prince
0600 UTC 23 May
STORM
GALE
STNRY
OUTFLOW BNDRY
1005
1007
1031
1030
1026
1019
1014
1037
1016
1024
1014
1008
1015
1010
1002
976
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov

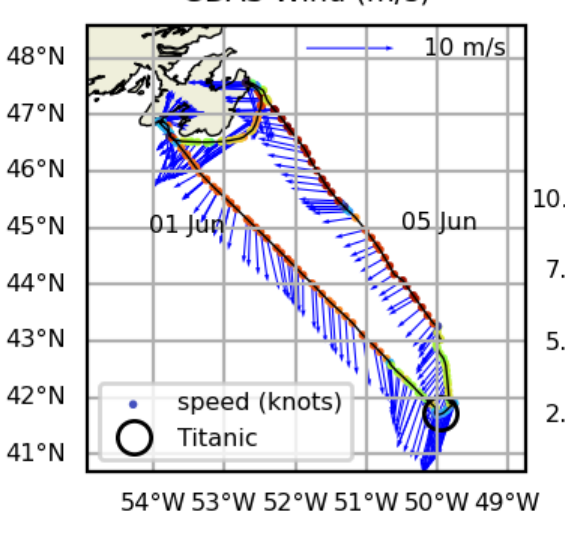

ATLANTIC SURFACE ANALYSIS
ISSUED: 02:56 UTC 24 MAY 2023
VALID: 00:00 UTC 24 MAY 2023
FCSTR: BYRD
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #2
20 – 28 May 2023
0000 UTC 24 May
Polar Prince
0008 UTC 24 May
STORM
GALE
STNRY
TROF
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov

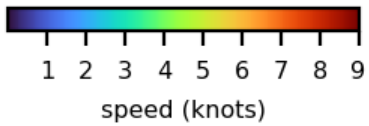

ATLANTIC SURFACE ANALYSIS
ISSUED: 09:06 UTC 26 MAY 2023
VALID: 06:00 UTC 26 MAY 2023
FCSTR: FUTTERMAN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #2
20 – 28 May 2023
0600 UTC 26 May
Polar Prince
0600 UTC 26 May
ABSORBED
DVLPG GALE
GALE
DVLPG STORM
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov

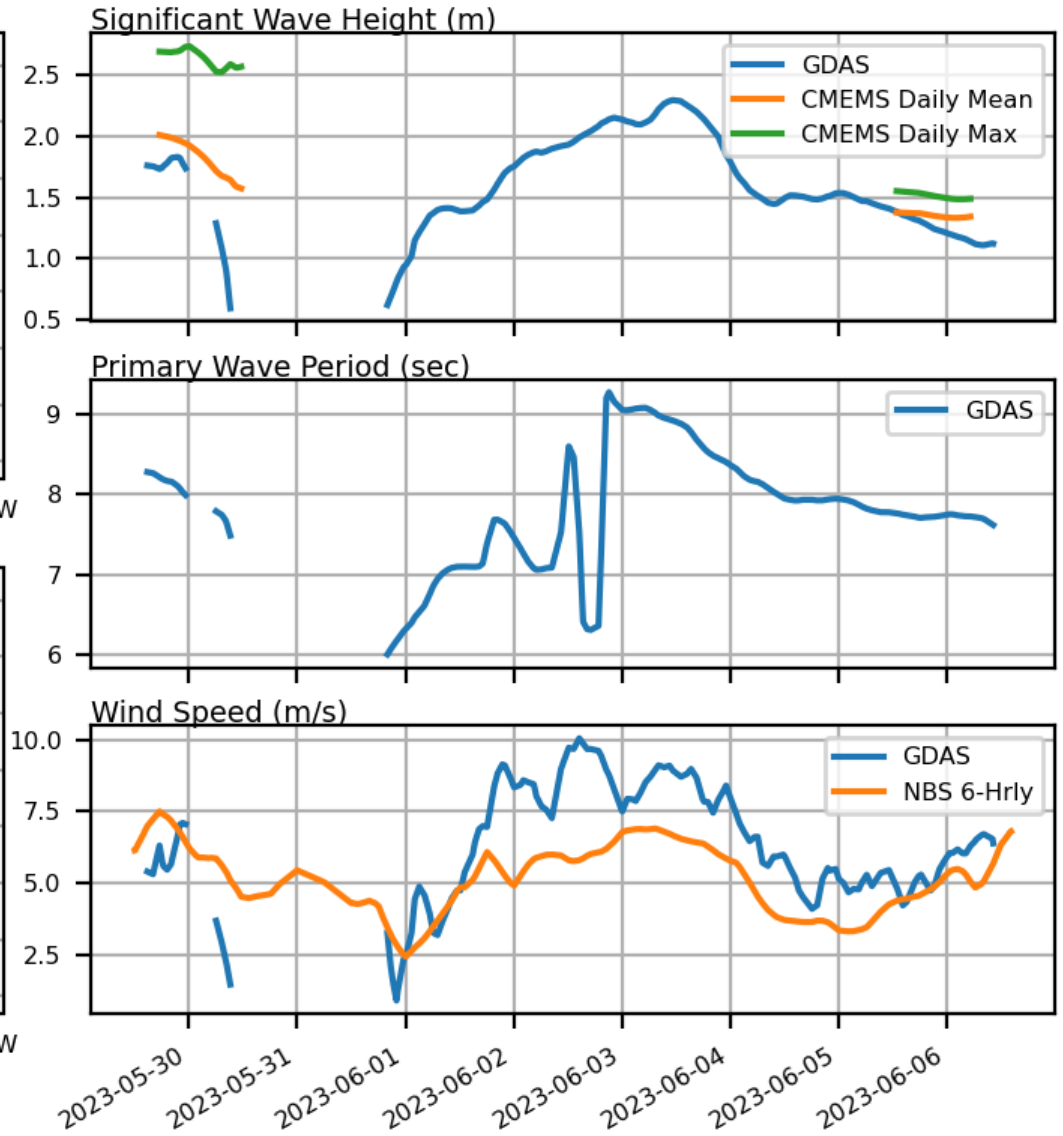

ATLANTIC SURFACE ANALYSIS
ISSUED: 14:45 UTC 26 MAY 2023
VALID: 12:00 UTC 26 MAY 2023
FCSTR: KREKELER
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #2
20 – 28 May 2023
1200 UTC 26 May
Polar Prince
1200 UTC 26 May
GALE
DVLPG GALE
DVLPG STORM
1027
1014
1033
1031
1018
1007
1030
1010
1036
1034
1021
1008
60N
50N
40N
30N
20N
90W
80W
70W
60W
50W
40W
30W
20W
10W
0
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov

Polar Prince / Titan Mission #3
29 May 2023 to 06 Jun 2023





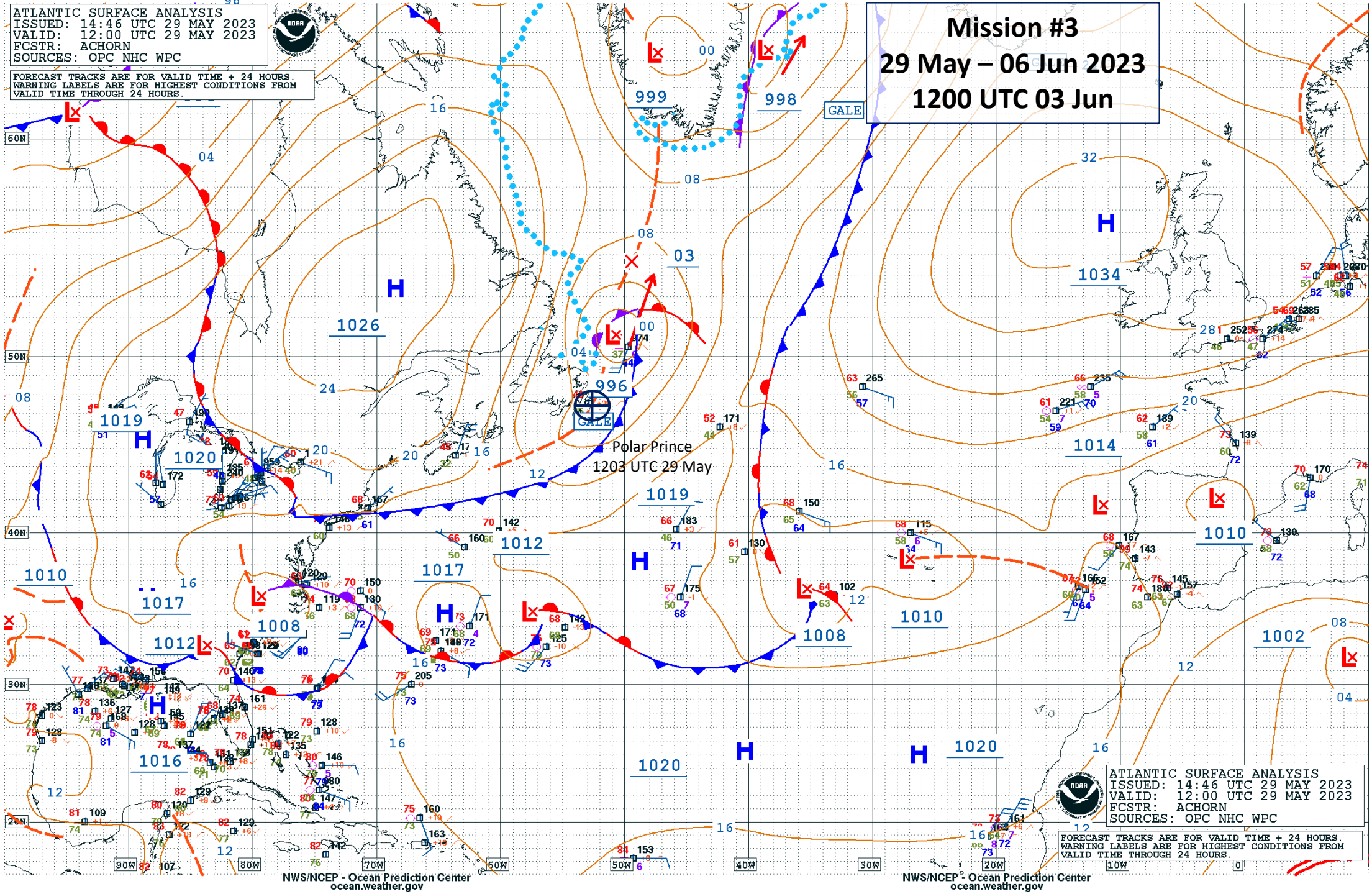


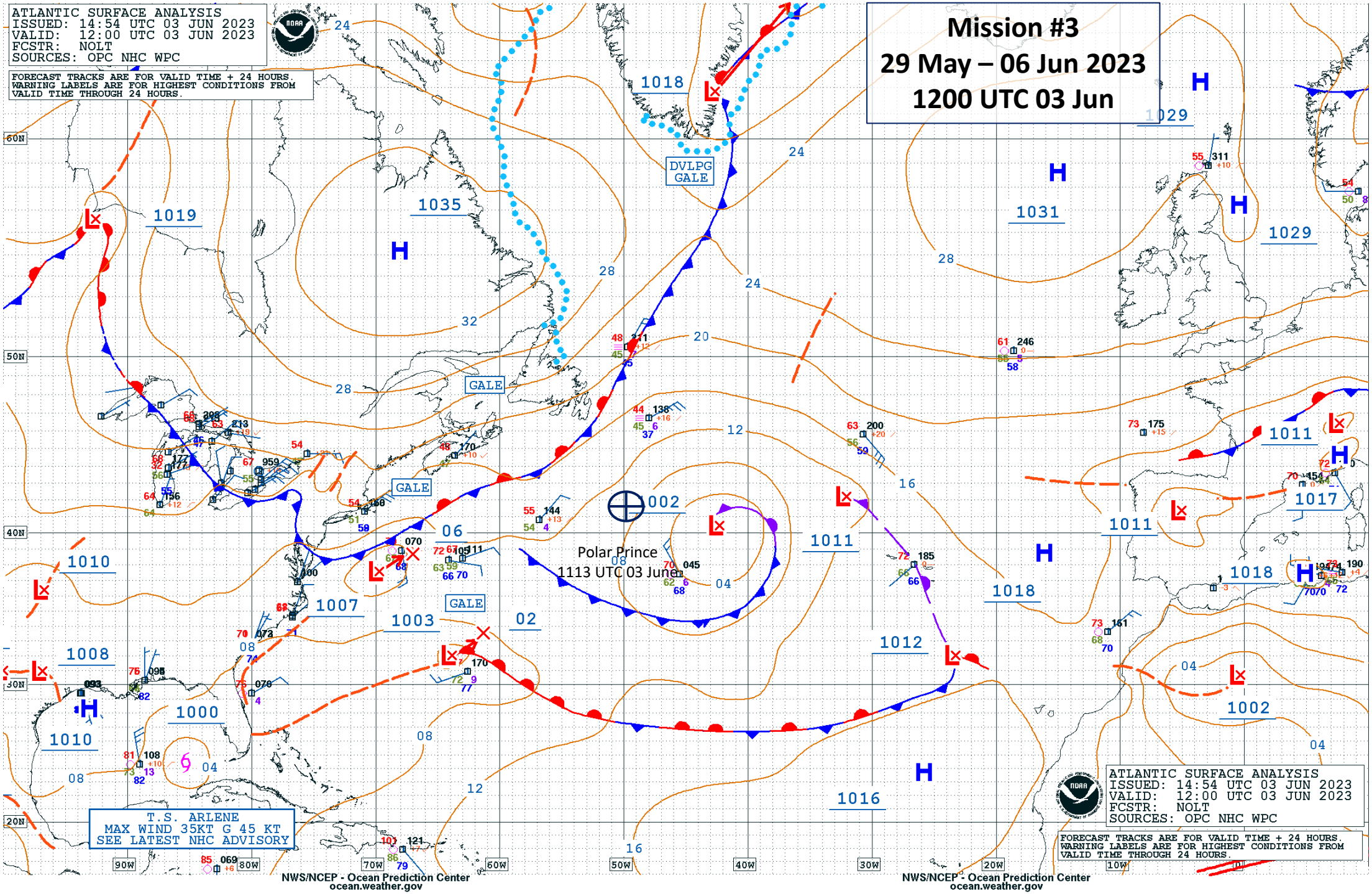


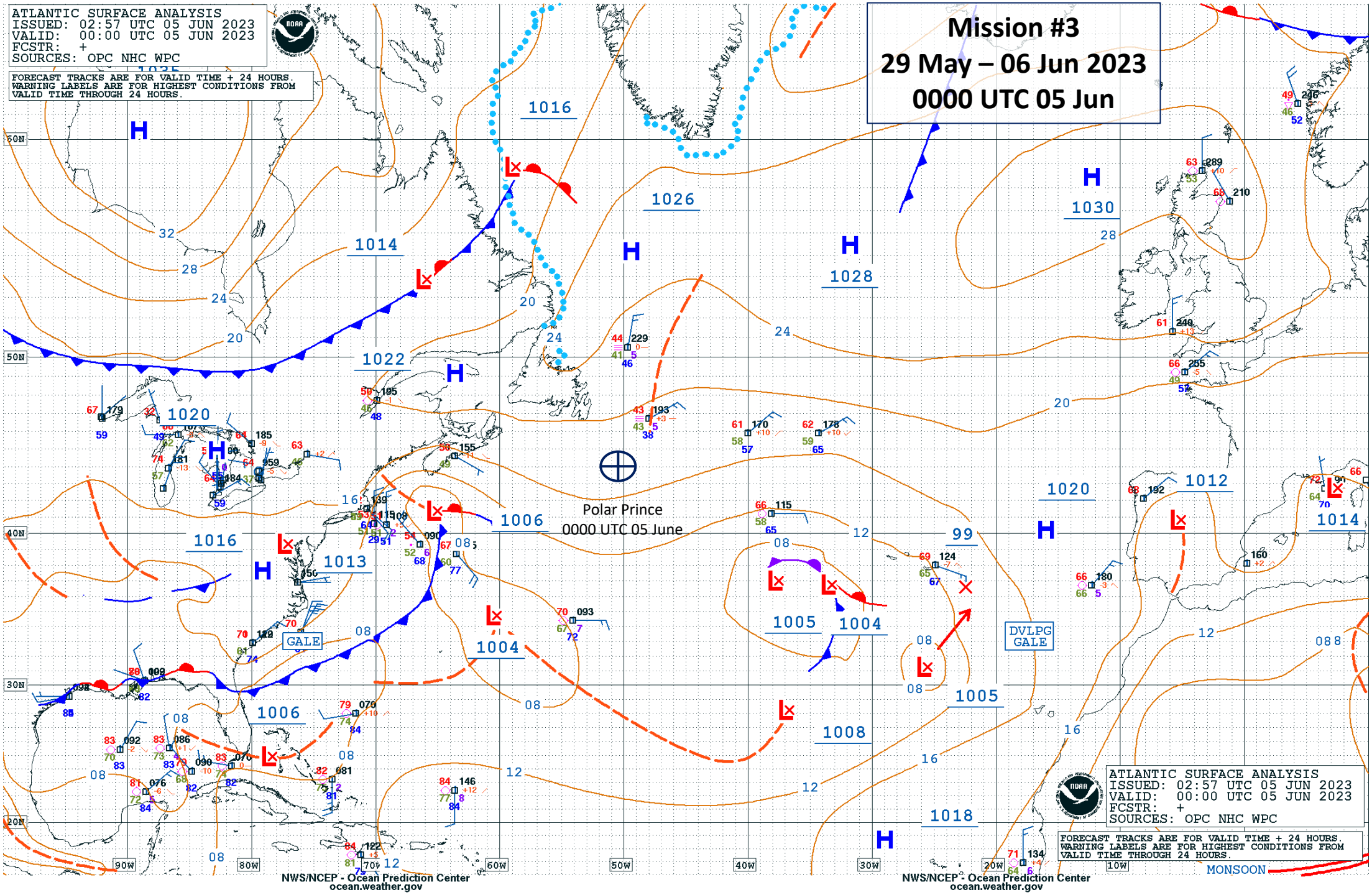
NCEP/OPC

CMEMS: E.U. Copernicus Marine Service Information; DOI: https://doi.org/10.48670/moi-00180
NBS: NOAA NCEI Blended Seawinds version 2.0; DOI: https://doi.org/10.3389/fmars.2022.935549

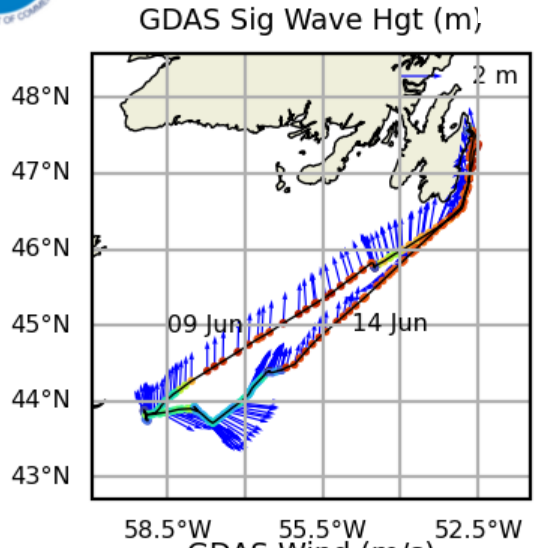
11 Mar 2024

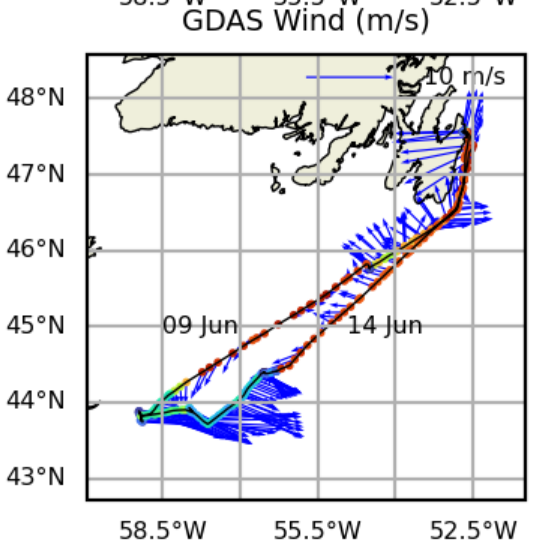

ATLANTIC SURFACE ANALYSIS
ISSUED: 14:46 UTC 29 MAY 2023
VALID: 12:00 UTC 29 MAY 2023
FCSTR: ACHORN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #3
29 May – 06 Jun 2023
1200 UTC 03 Jun
Polar Prince
1203 UTC 29 May
GALE
60N
50N
40N
30N
20N
90W
80W
70W
60W
50W
40W
30W
20W
10W
0
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov

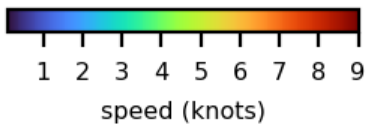

ATLANTIC SURFACE ANALYSIS
ISSUED: 14:54 UTC 03 JUN 2023
VALID: 12:00 UTC 03 JUN 2023
FCSTR: NOLT
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #3
29 May – 06 Jun 2023
1200 UTC 03 Jun
DVLPG GALE
GALE
GALE
GALE
Polar Prince
1113 UTC 03 June
T.S. ARLENE
MAX WIND 35KT G 45 KT
SEE LATEST NHC ADVISORY
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov

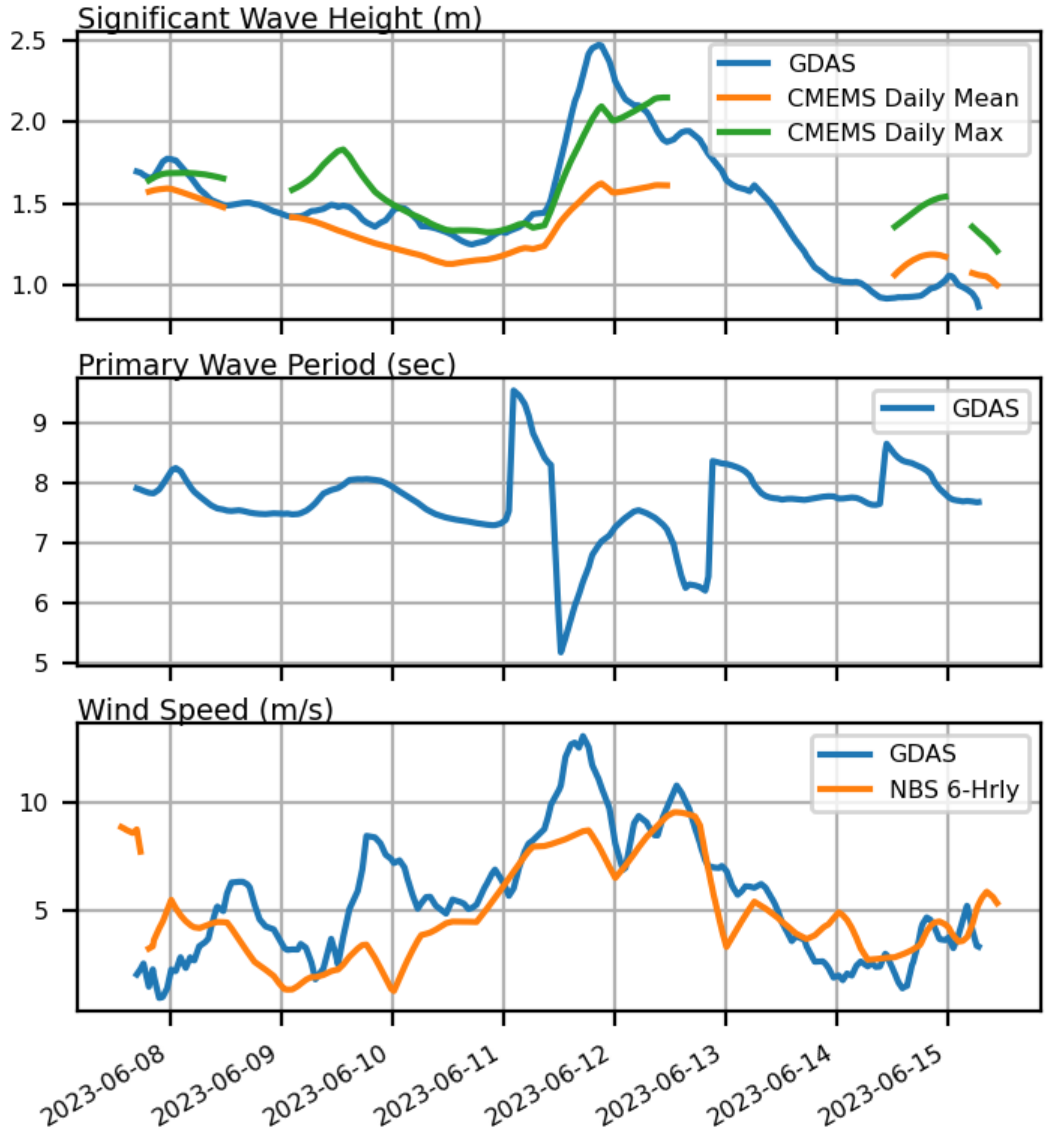

ATLANTIC SURFACE ANALYSIS
ISSUED: 02:57 UTC 05 JUN 2023
VALID: 00:00 UTC 05 JUN 2023
FCSTR: +
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM
VALID TIME THROUGH 24 HOURS.
Mission #3
29 May – 06 Jun 2023
0000 UTC 05 Jun
Polar Prince
0000 UTC 05 June
GALE
DVLPG
GALE
MONSOON
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
ATLANTIC SURFACE ANALYSIS
ISSUED: 02:57 UTC 05 JUN 2023
VALID: 00:00 UTC 05 JUN 2023
FCSTR: +
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM
VALID TIME THROUGH 24 HOURS.

Polar Prince / Titan Mission #4
07 Jun 2023 to 15 Jun 2023





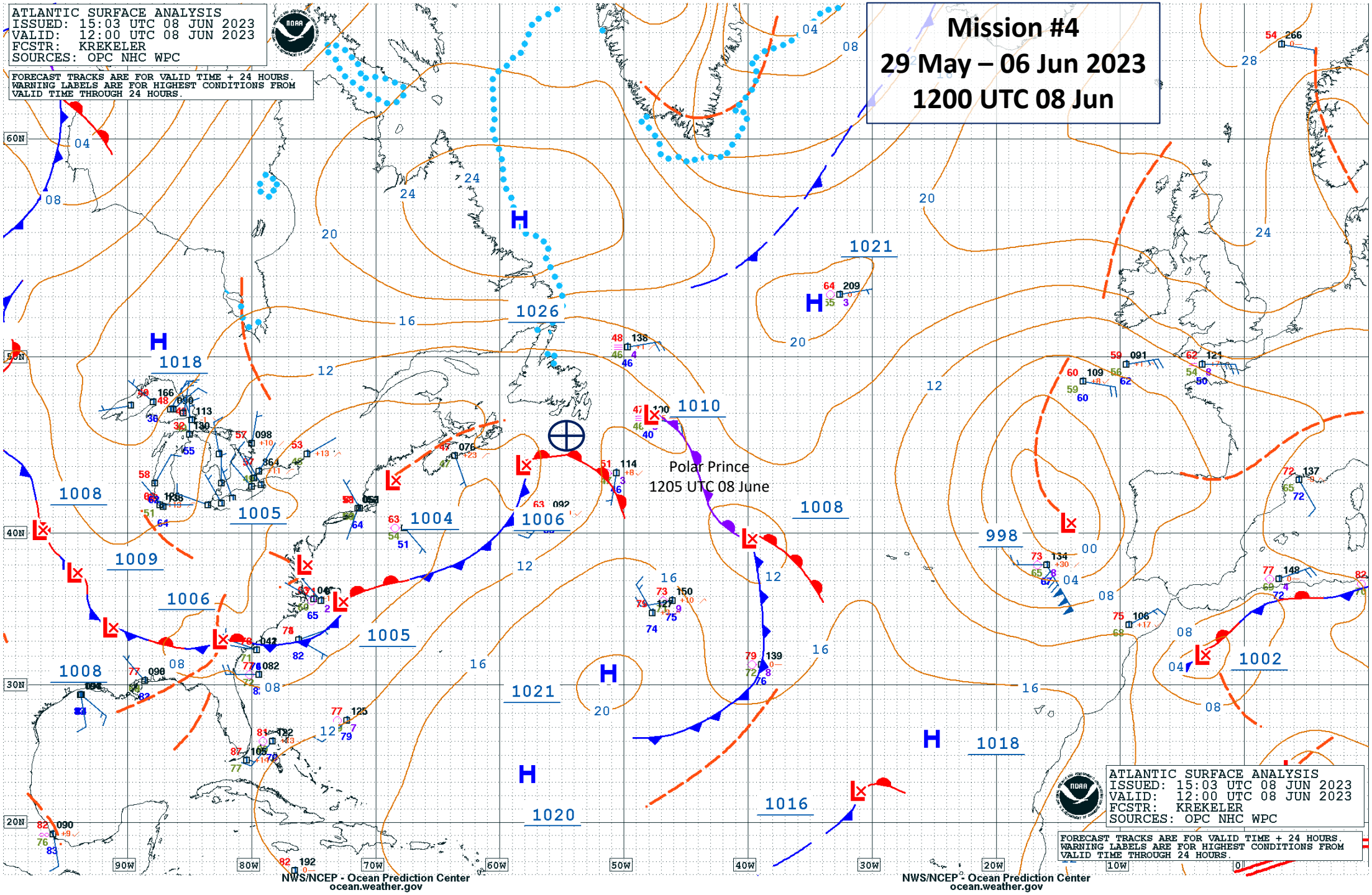


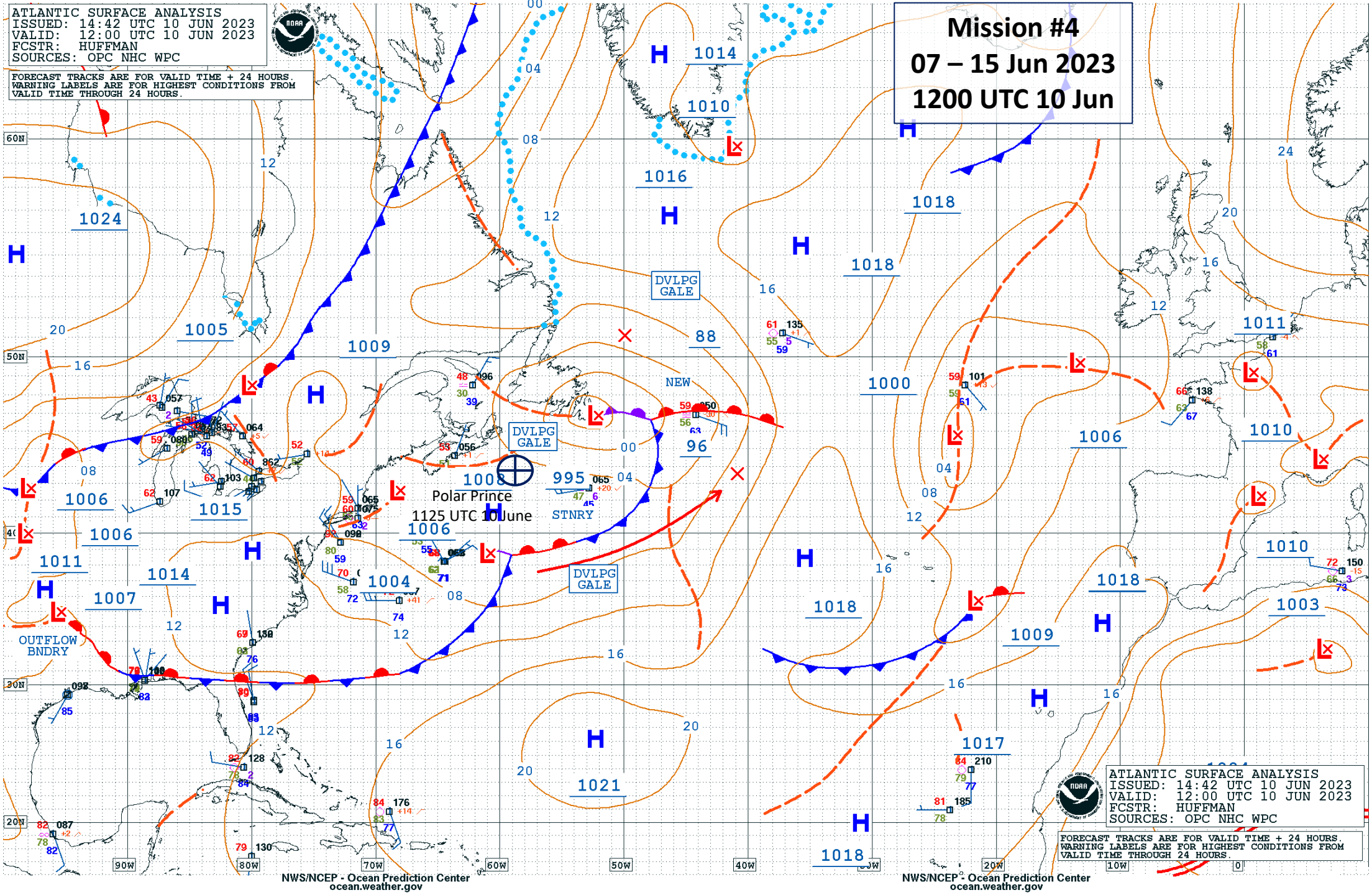


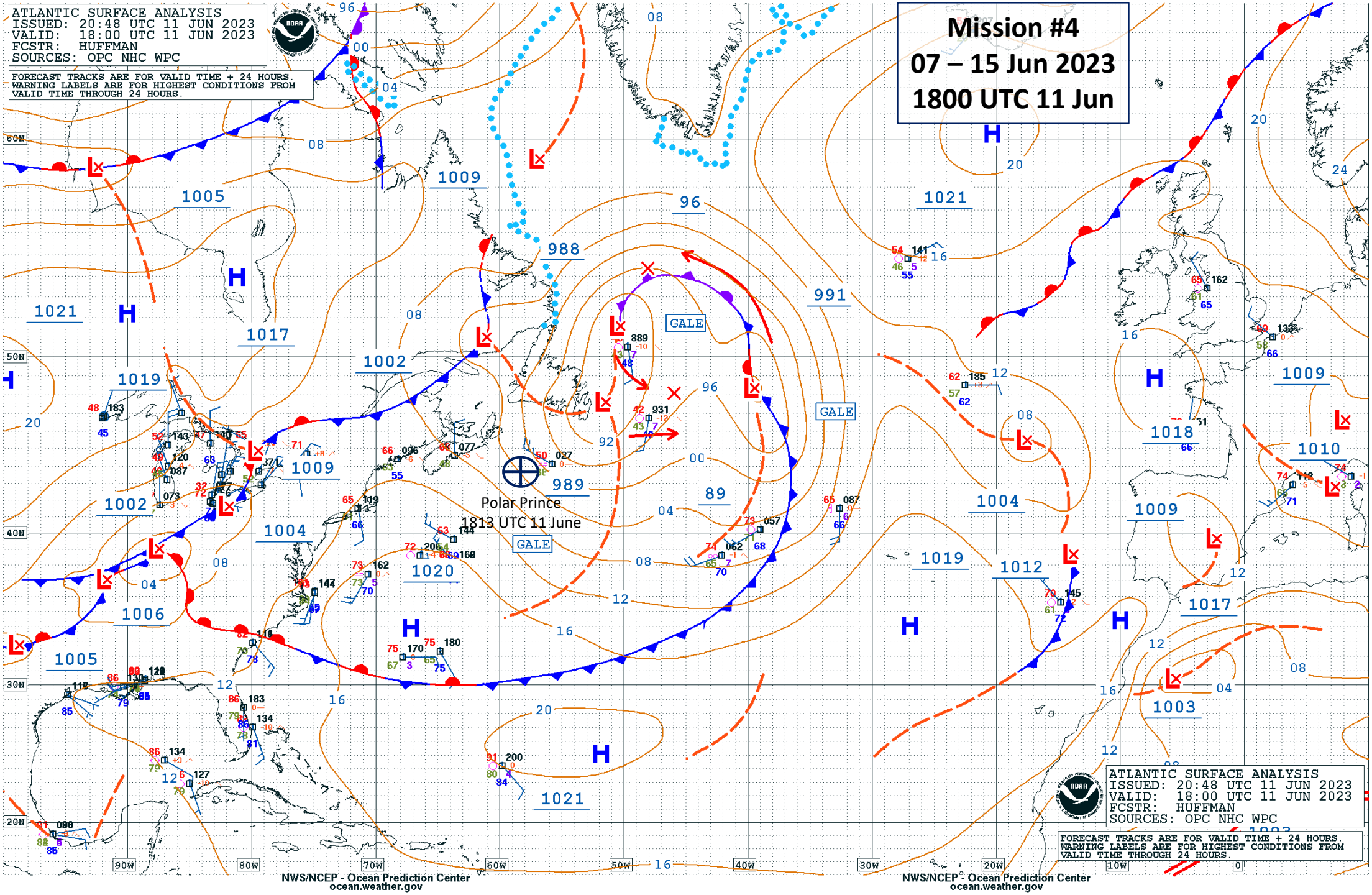
NCEP/OPC

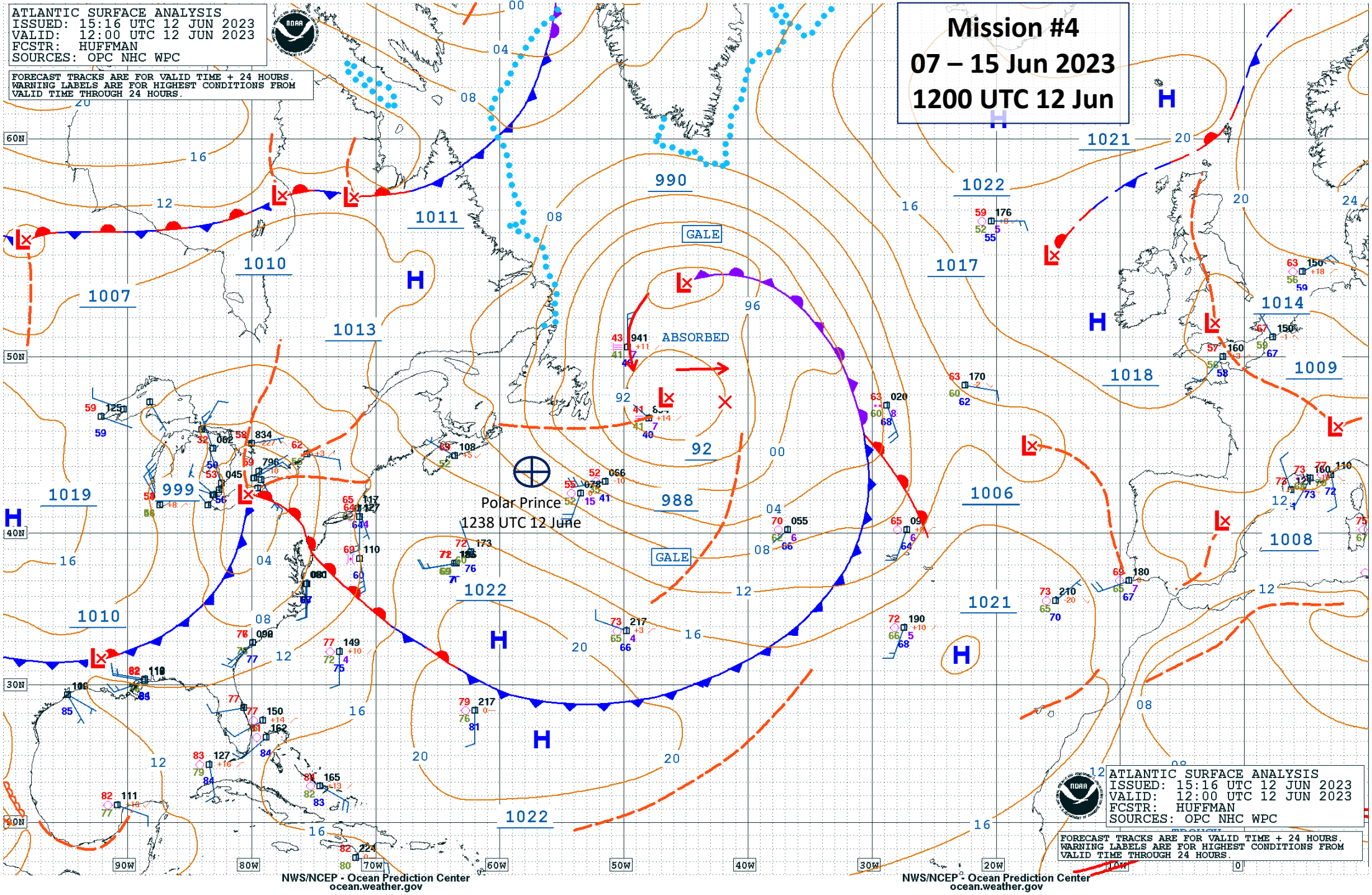
CMEMS: E.U. Copernicus Marine Service Information; DOI: https://doi.org/10.48670/moi-00180
NBS: NOAA NCEI Blended Seawinds version 2.0; DOI: https://doi.org/10.3389/fmars.2022.935549

11 Mar 2024

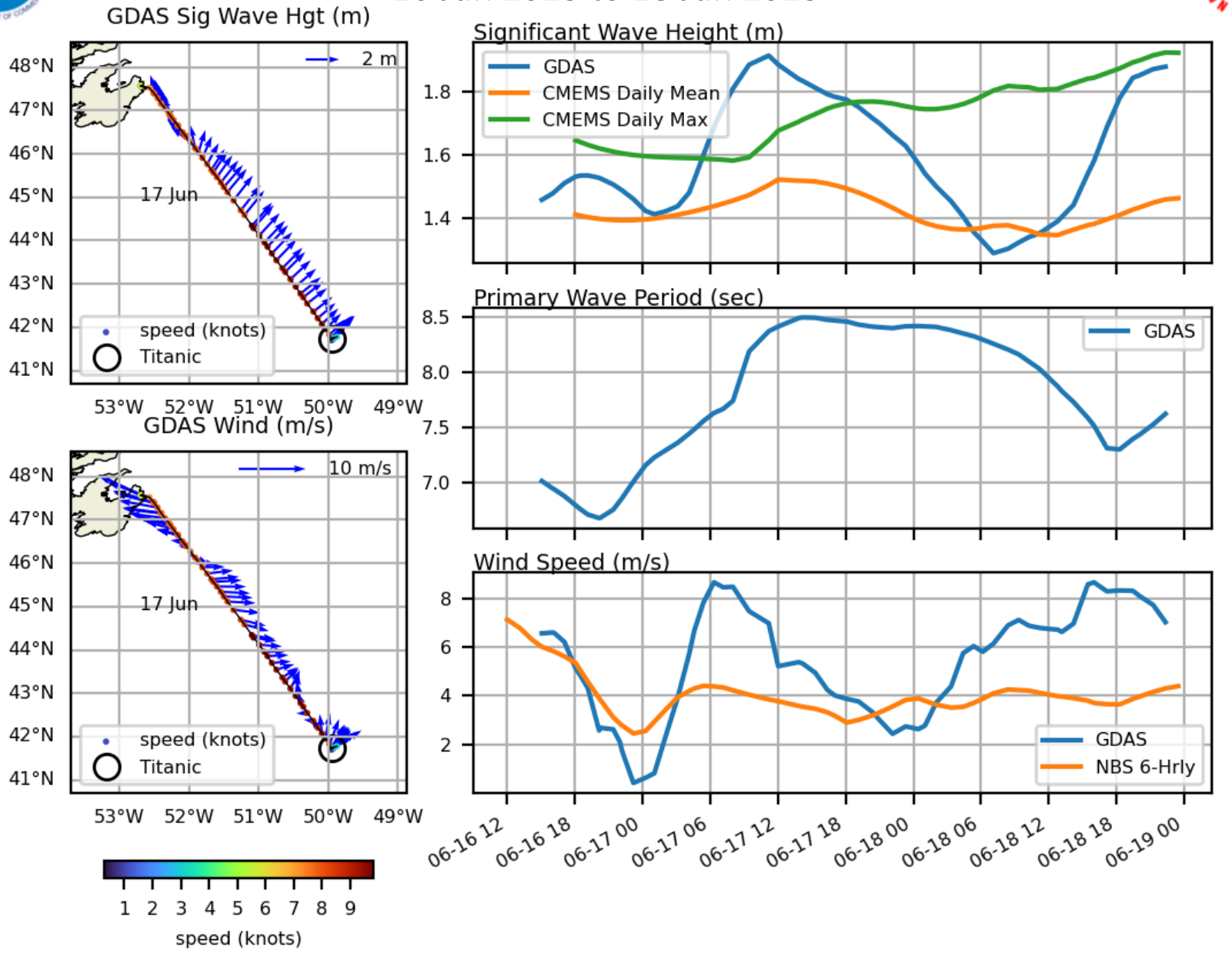

ATLANTIC SURFACE ANALYSIS
ISSUED: 15:03 UTC 08 JUN 2023
VALID: 12:00 UTC 08 JUN 2023
FCSTR: KREKELER
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #4
29 May – 06 Jun 2023
1200 UTC 08 Jun
Polar Prince
1205 UTC 08 June
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
ATLANTIC SURFACE ANALYSIS
ISSUED: 15:03 UTC 08 JUN 2023
VALID: 12:00 UTC 08 JUN 2023
FCSTR: KREKELER
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.


ATLANTIC SURFACE ANALYSIS
ISSUED: 14:42 UTC 10 JUN 2023
VALID: 12:00 UTC 10 JUN 2023
FCSTR: HUFFMAN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #4
07 – 15 Jun 2023
1200 UTC 10 Jun
Polar Prince
1125 UTC 10 June
DVLPG GALE
STNRY
OUTFLOW BNDRY
NEW
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
ATLANTIC SURFACE ANALYSIS
ISSUED: 14:42 UTC 10 JUN 2023
VALID: 12:00 UTC 10 JUN 2023
FCSTR: HUFFMAN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov


ATLANTIC SURFACE ANALYSIS
ISSUED: 20:48 UTC 11 JUN 2023
VALID: 18:00 UTC 11 JUN 2023
FCSTR: HUFFMAN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #4
07 – 15 Jun 2023
1800 UTC 11 Jun
Polar Prince
1813 UTC 11 June
GALE
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov


ATLANTIC SURFACE ANALYSIS
ISSUED: 15:16 UTC 12 JUN 2023
VALID: 12:00 UTC 12 JUN 2023
FCSTR: HUFFMAN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #4
07 – 15 Jun 2023
1200 UTC 12 Jun
GALE
ABSORBED
Polar Prince
1238 UTC 12 June
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov

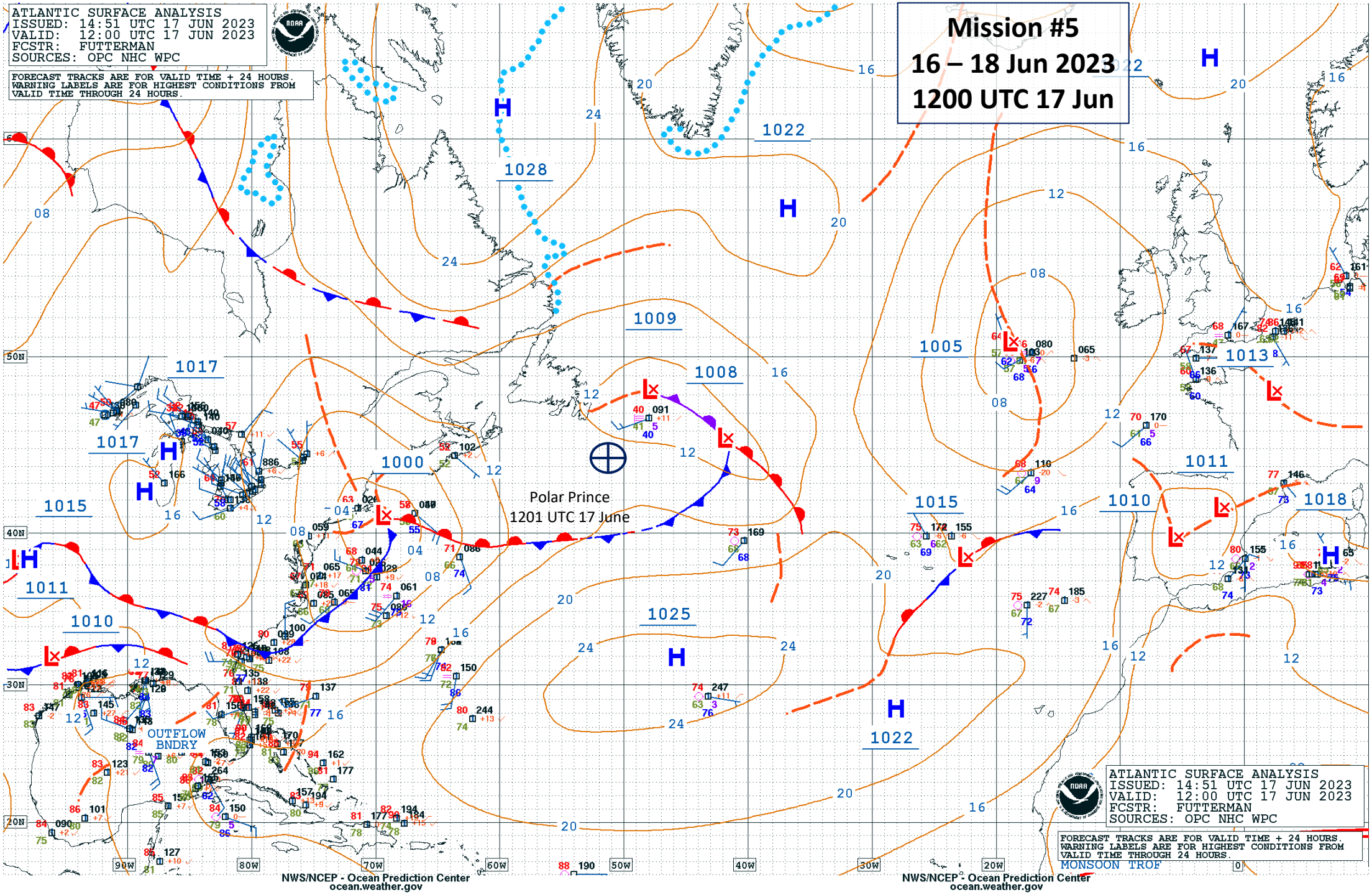
Polar Prince / Titan Mission #5
16 Jun 2023 to 18 Jun 2023

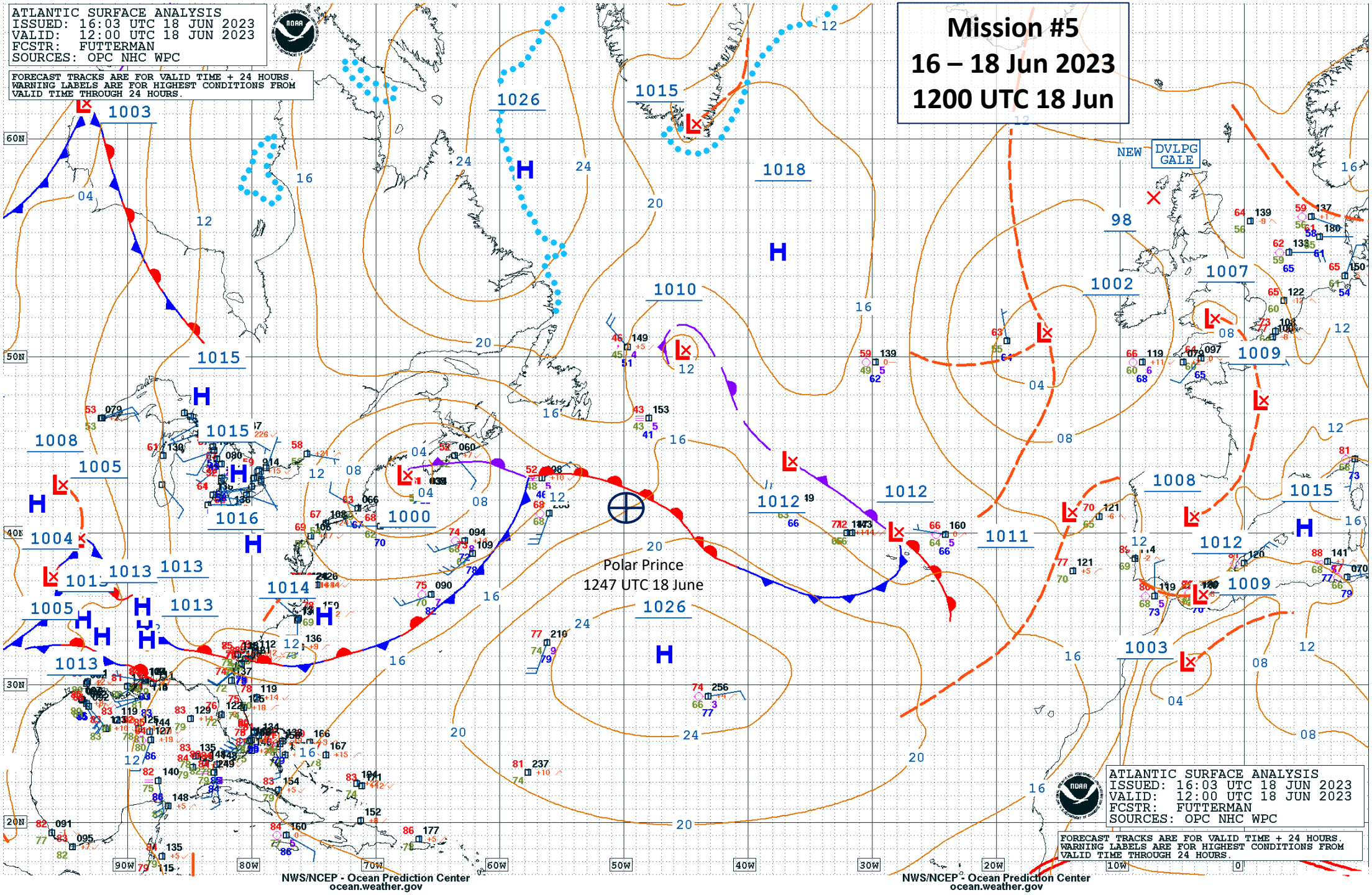


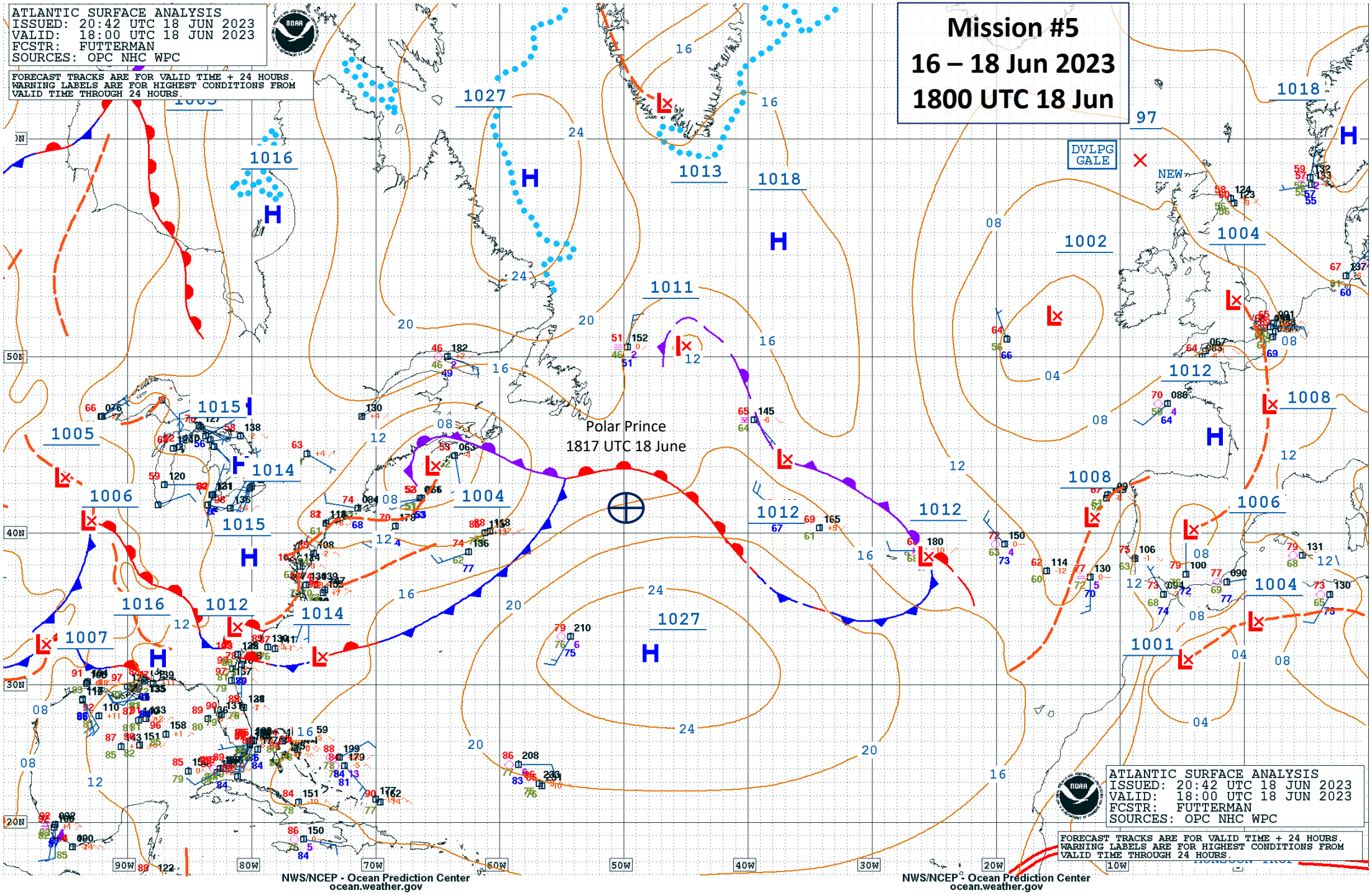
NCEP/OPC

CMEMS: E.U. Copernicus Marine Service Information; DOI: https://doi.org/10.48670/moi-00180
NBS: NOAA NCEI Blended Seawinds version 2.0; DOI: https://doi.org/10.3389/fmars.2022.935549

11 Mar 2024


ATLANTIC SURFACE ANALYSIS
ISSUED: 14:51 UTC 17 JUN 2023
VALID: 12:00 UTC 17 JUN 2023
FCSTR: FUTTERMAN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #5
16 – 18 Jun 2023
1200 UTC 17 Jun
Polar Prince
1201 UTC 17 June
OUTFLOW BNDRY
MONSOON TROF
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov


ATLANTIC SURFACE ANALYSIS
ISSUED: 16:03 UTC 18 JUN 2023
VALID: 12:00 UTC 18 JUN 2023
FCSTR: FUTTERMAN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #5
16 – 18 Jun 2023
1200 UTC 18 Jun
NEW DVLPG GALE
Polar Prince
1247 UTC 18 June
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
ATLANTIC SURFACE ANALYSIS
ISSUED: 16:03 UTC 18 JUN 2023
VALID: 12:00 UTC 18 JUN 2023
FCSTR: FUTTERMAN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov


ATLANTIC SURFACE ANALYSIS
ISSUED: 20:42 UTC 18 JUN 2023
VALID: 18:00 UTC 18 JUN 2023
FCSTR: FUTTERMAN
SOURCES: OPC NHC WPC
FORECAST TRACKS ARE FOR VALID TIME + 24 HOURS.
WARNING LABELS ARE FOR HIGHEST CONDITIONS FROM VALID TIME THROUGH 24 HOURS.
Mission #5
16 – 18 Jun 2023
1800 UTC 18 Jun
DVLPG GALE
NEW
Polar Prince
1817 UTC 18 June
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov
NWS/NCEP - Ocean Prediction Center
ocean.weather.gov