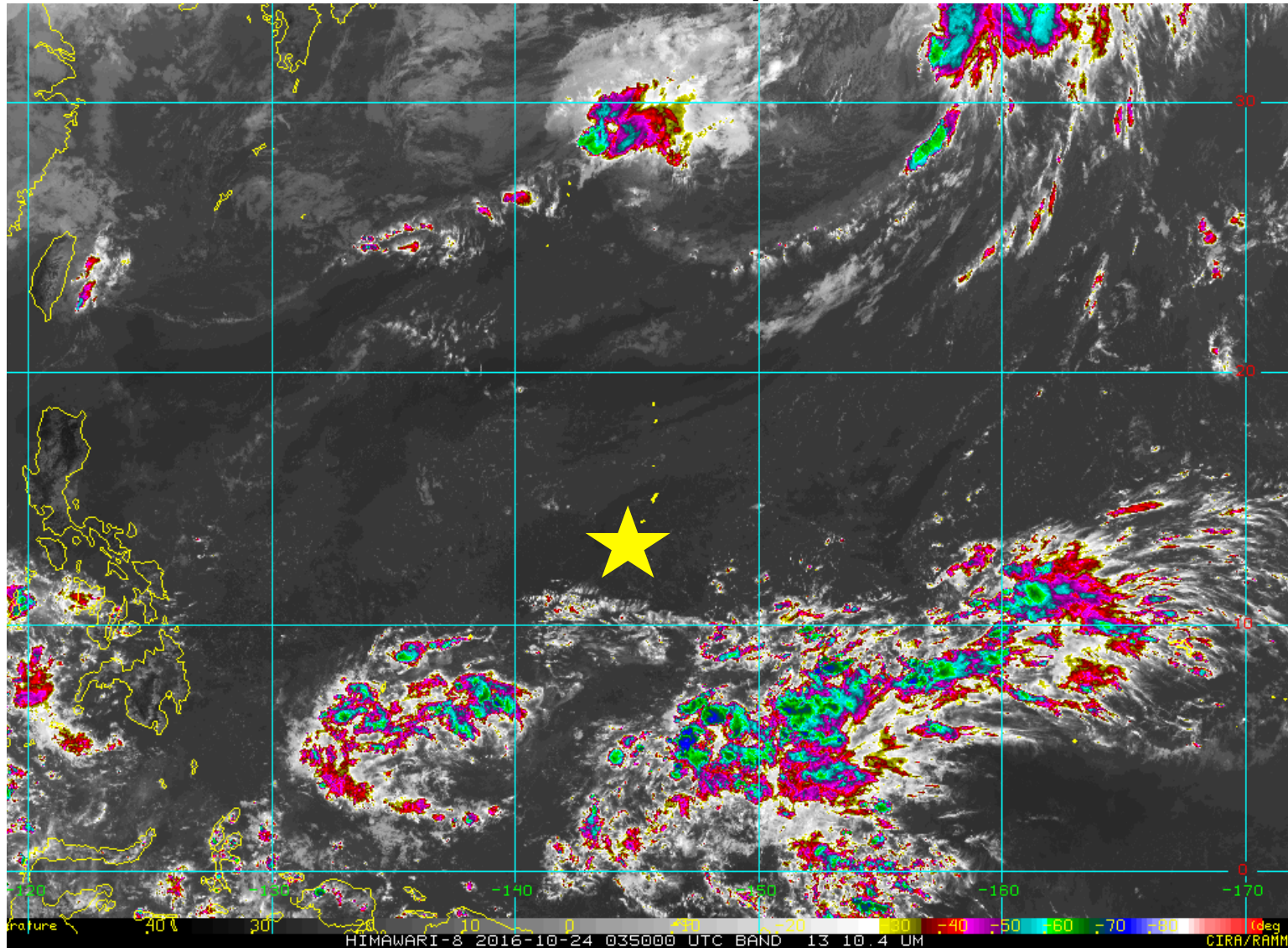


POSIDON

weather briefing

2016-10-24
(next flight: 2016-10-25, Tue)

current IR satellite imagery 10/24, 1:50pm LT



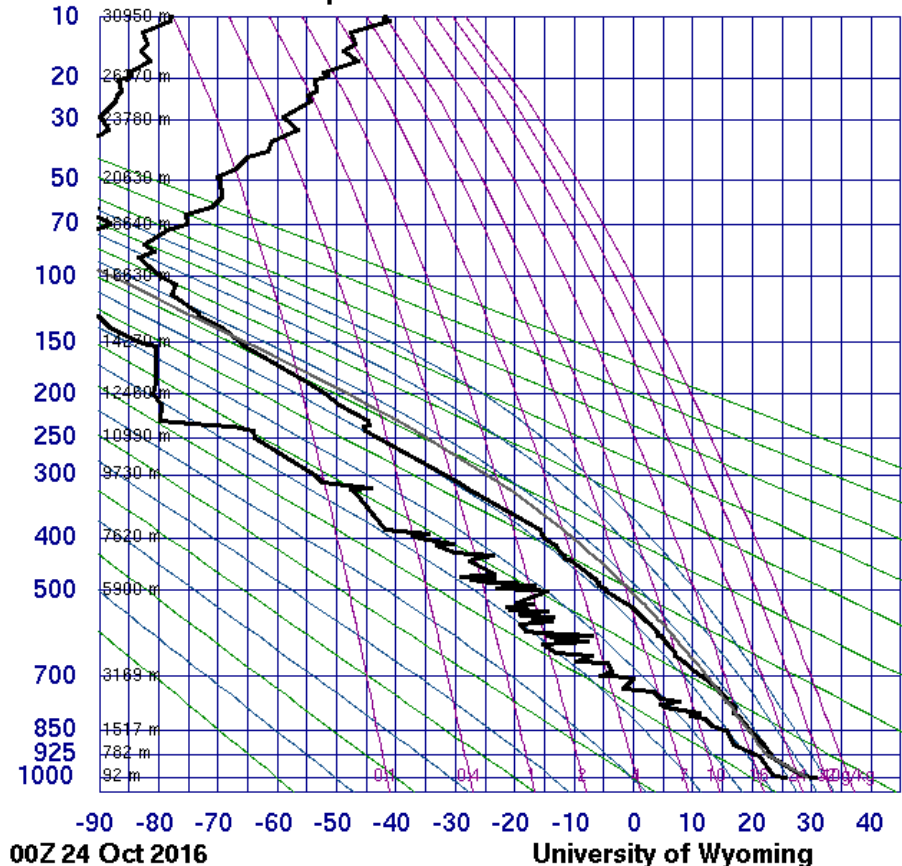
- E trade winds
- dry weather with isolated showers until the weekend

Soundings: 10/24, 10am LT

Tropopause height and T

Guam

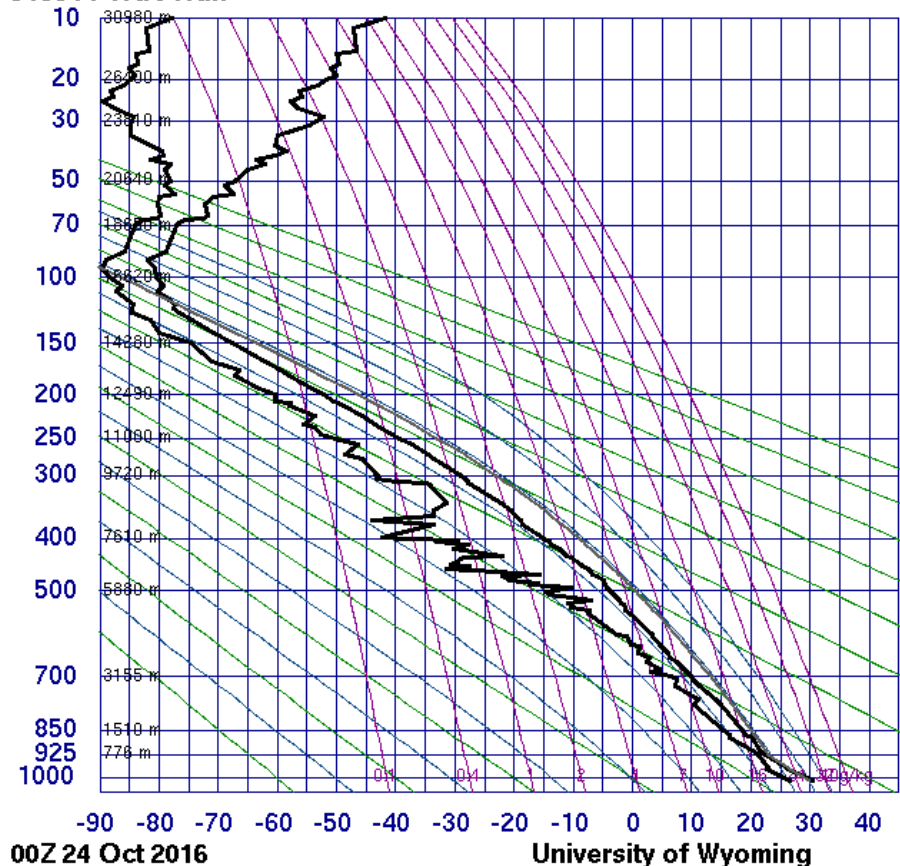
91212 PGAC Guam Intl Arprt



~55.6 kft (88.6 mb)
-83.3C (~190K)

Truk (7.5N, 151.8E)

91334 PTKK Truk



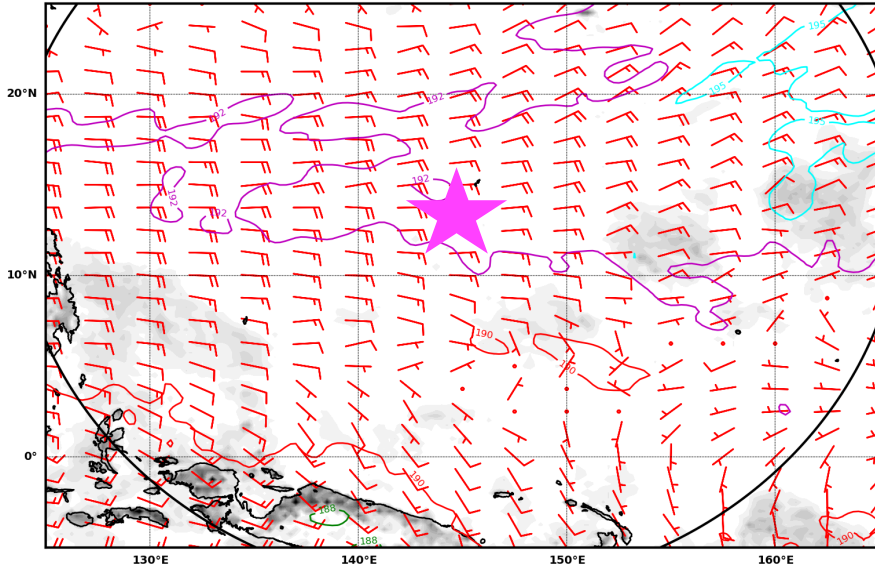
~55.6 kft (88.8 mb)
-81.9C (~191K)

ECMWF forecast: convective precip (gray) & 100mb winds

Tue 4pm

ECMWF forecast initialized on Sunday 23 Oct 2016 12:00UTC, 42hour forecast for Convective precipitation, 100mb winds and T on:

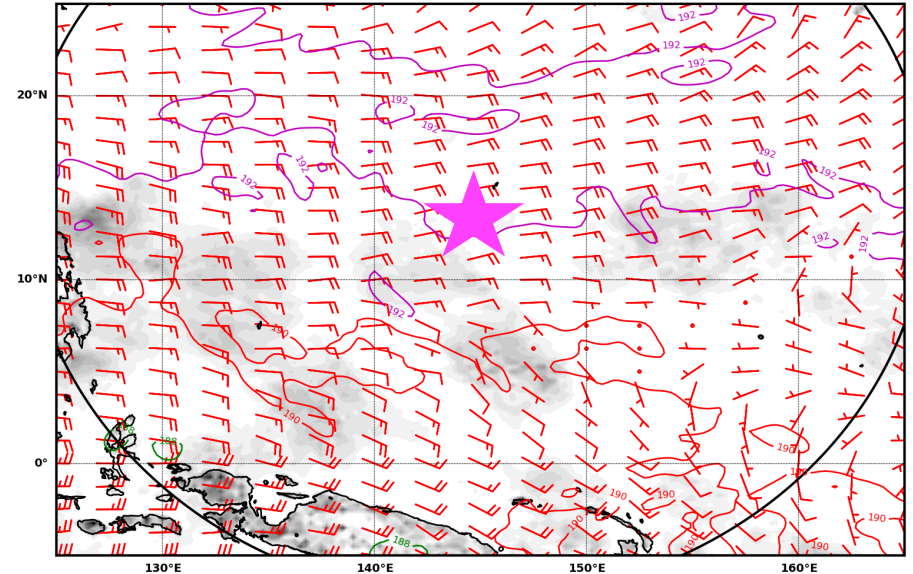
Tuesday 25 Oct 2016 06:00UTC , Guam time: Tuesday 25 Oct 2016 16:00



Wed 4pm

ECMWF forecast initialized on Sunday 23 Oct 2016 12:00UTC, 66hour forecast for Convective precipitation, 100mb winds and T on:

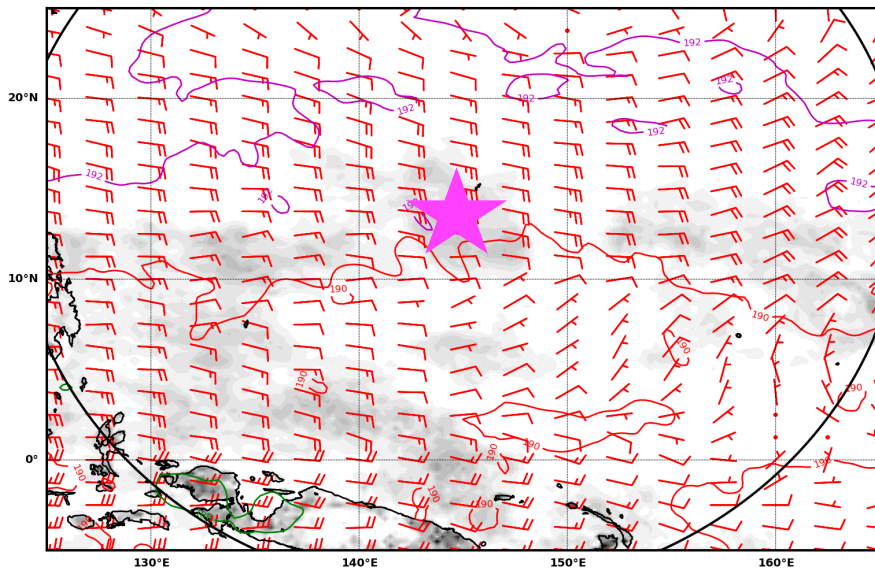
Wednesday 26 Oct 2016 06:00UTC, Guam time: Wednesday 26 Oct 2016 16:00



Thu 4pm

ECMWF forecast initialized on Sunday 23 Oct 2016 12:00UTC, 90hour forecast for Convective precipitation, 100mb winds and T on:

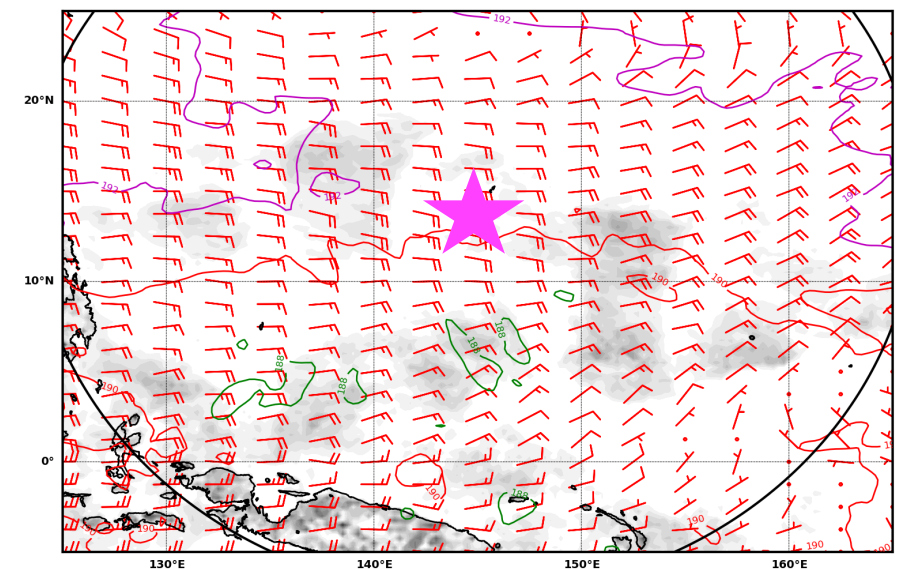
Thursday 27 Oct 2016 06:00UTC , Guam time: Thursday 27 Oct 2016 16:00



Fri 4pm

ECMWF forecast initialized on Sunday 23 Oct 2016 12:00UTC, 114hour forecast for Convective precipitation, 100mb winds and T on:

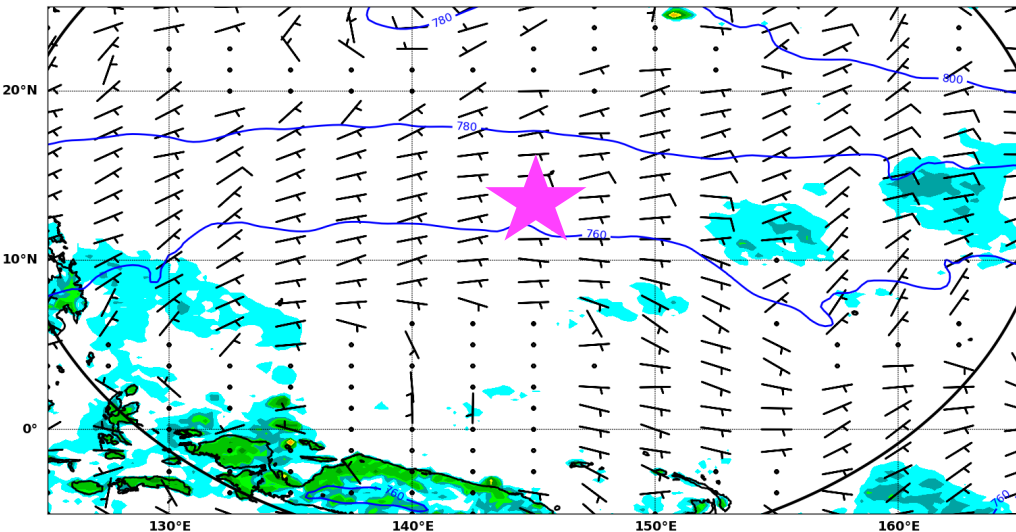
Friday 28 Oct 2016 06:00UTC , Guam time: Friday 28 Oct 2016 16:00



ECMWF forecast: precip (color) & surface winds

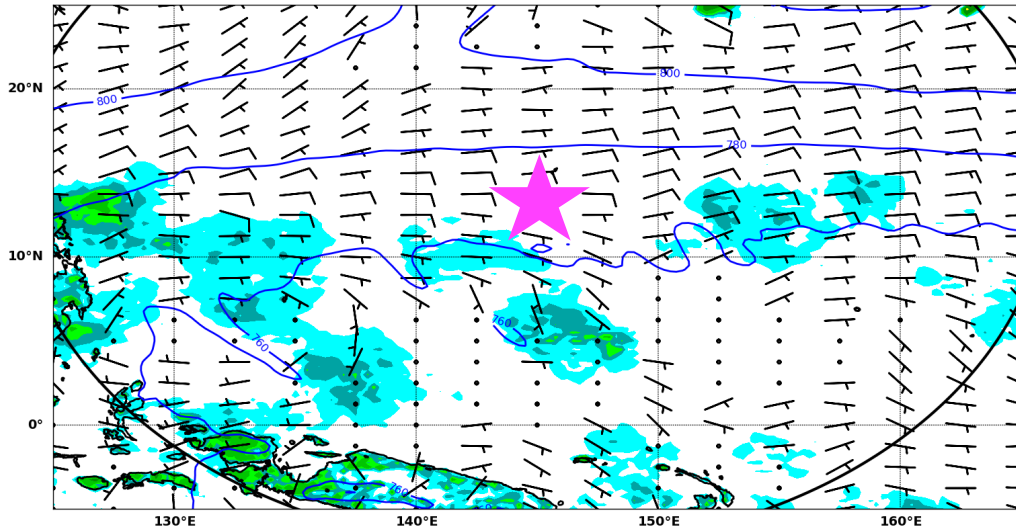
Tue 4pm

ECMWF forecast initialized on Sunday 23 Oct 2016 12:00UTC, 42hour forecast for 925mb Z, winds and Total precipitation on:
Tuesday 25 Oct 2016 06:00UTC , Guam time: Tuesday 25 Oct 2016 16:00



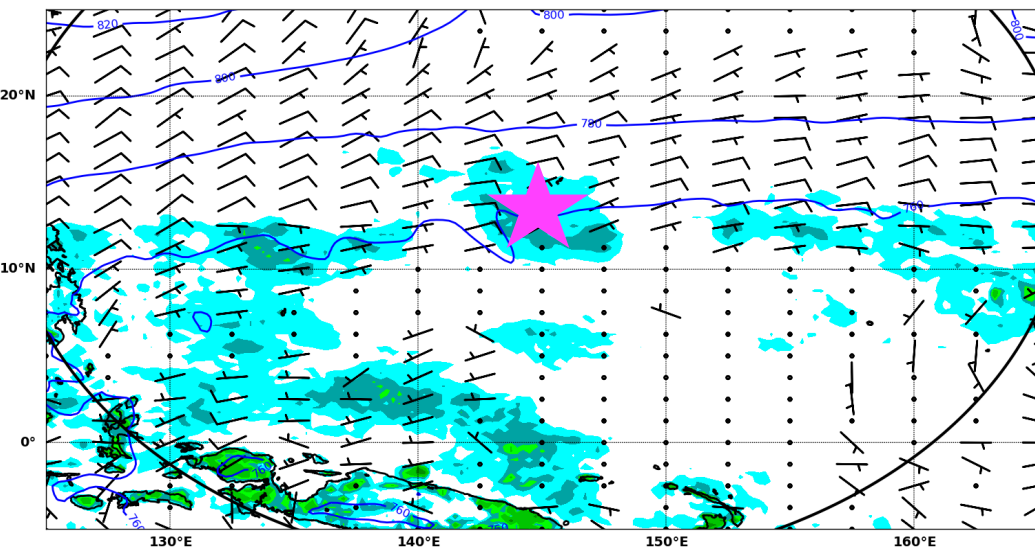
Wed 4pm

ECMWF forecast initialized on Sunday 23 Oct 2016 12:00UTC, 66hour forecast for 925mb Z, winds and Total precipitation on:
Wednesday 26 Oct 2016 06:00UTC, Guam time: Wednesday 26 Oct 2016 16:00



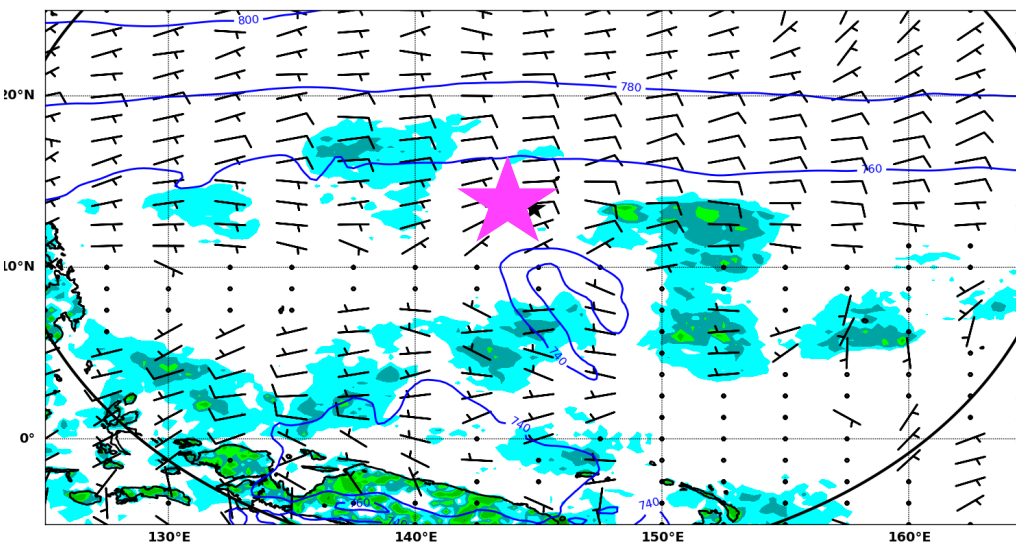
Thu 4pm

ECMWF forecast initialized on Sunday 23 Oct 2016 12:00UTC, 90hour forecast for 925mb Z, winds and Total precipitation on:
Thursday 27 Oct 2016 06:00UTC , Guam time: Thursday 27 Oct 2016 16:00



Fri 4pm

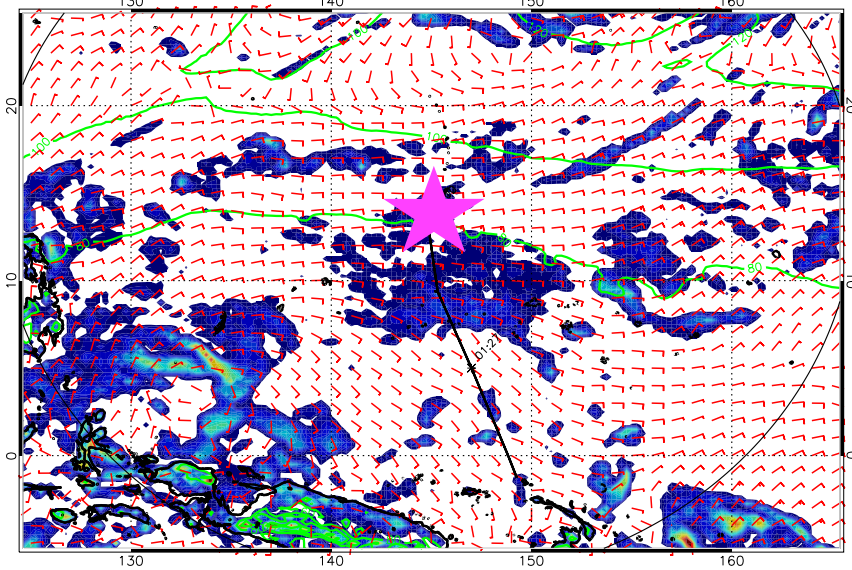
ECMWF forecast initialized on Sunday 23 Oct 2016 12:00UTC, 114hour forecast for 925mb Z, winds and Total precipitation on:
Friday 28 Oct 2016 06:00UTC , Guam time: Friday 28 Oct 2016 16:00



GFS forecast: precip (color) & surface winds

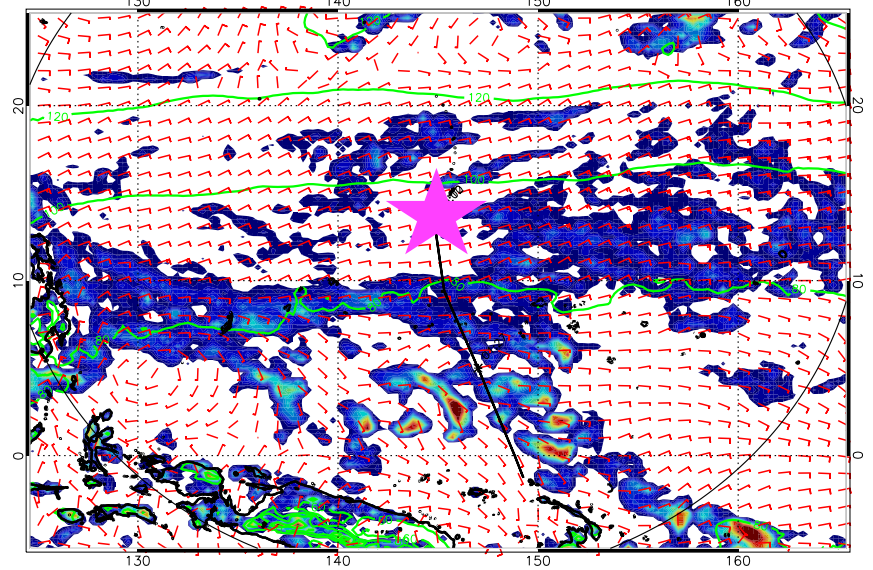
Tue 4pm

16102506, 042 hour forecast for precip, 1000mb Z, and surface winds (knots) -- NCEP GFS



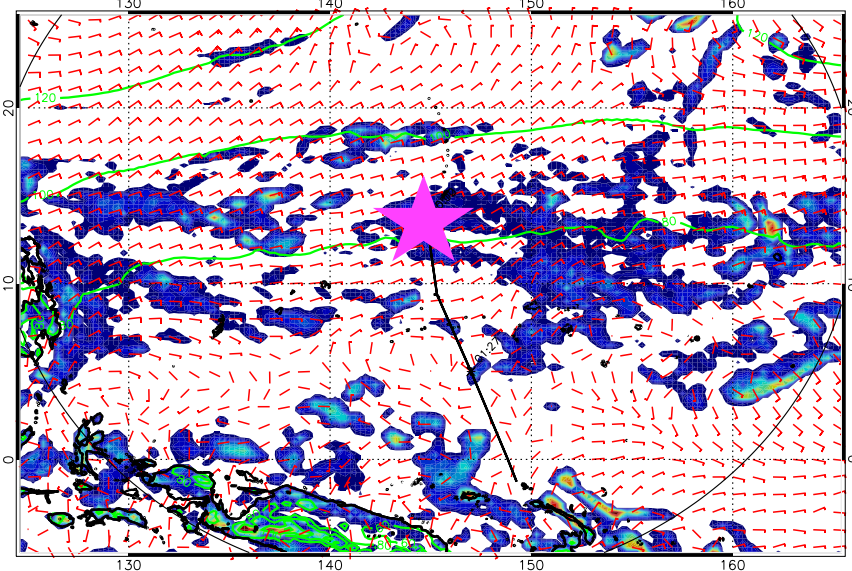
Wed 4pm

16102606, 066 hour forecast for precip, 1000mb Z, and surface winds (knots) -- NCEP GFS



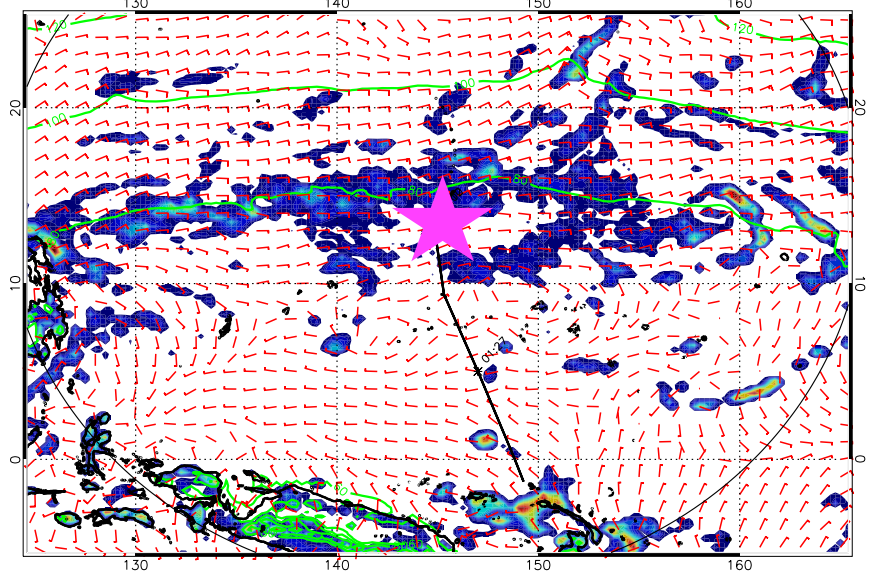
Thu 4pm

16102706, 090 hour forecast for precip, 1000mb Z, and surface winds (knots) -- NCEP GFS



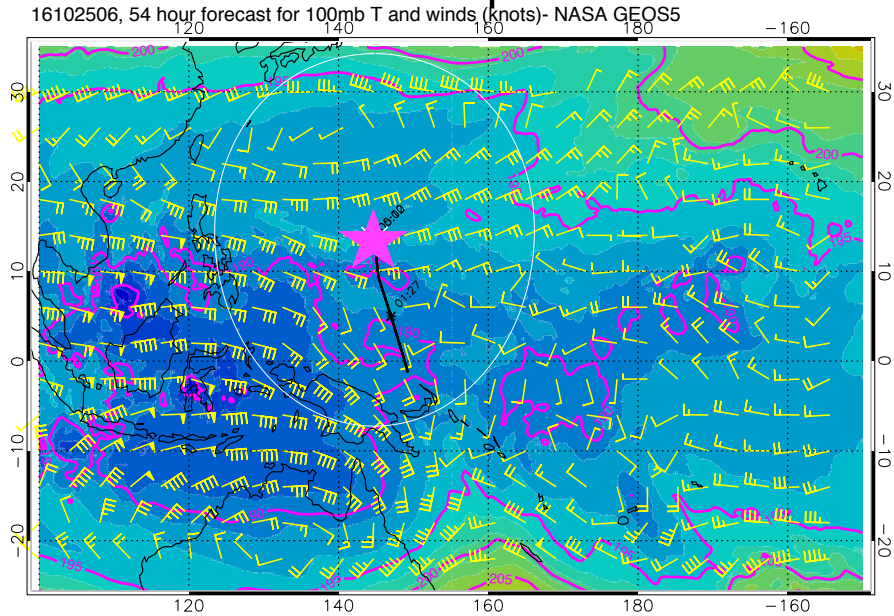
Fri 4pm

16102806, 114 hour forecast for precip, 1000mb Z, and surface winds (knots) -- NCEP GFS

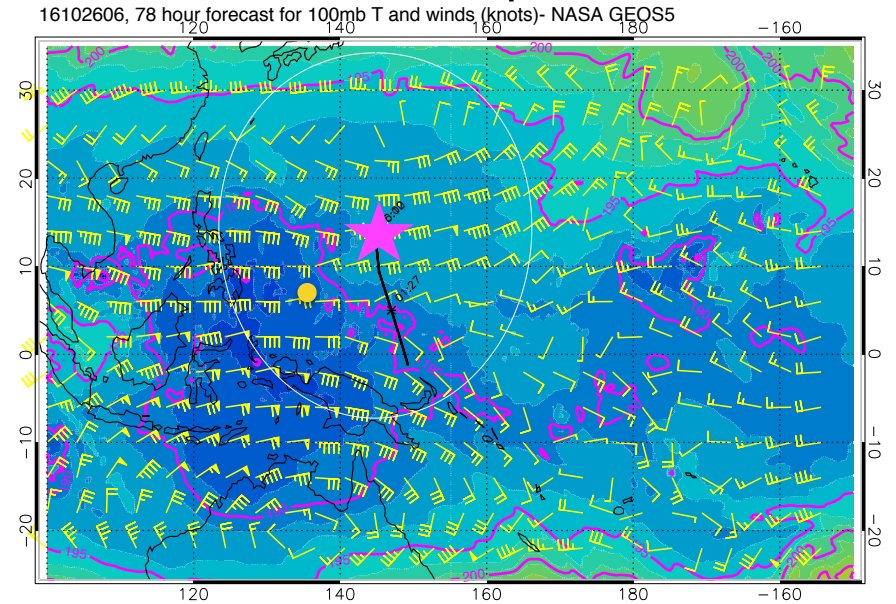


GEOS-5 forecast: 100mb T & winds

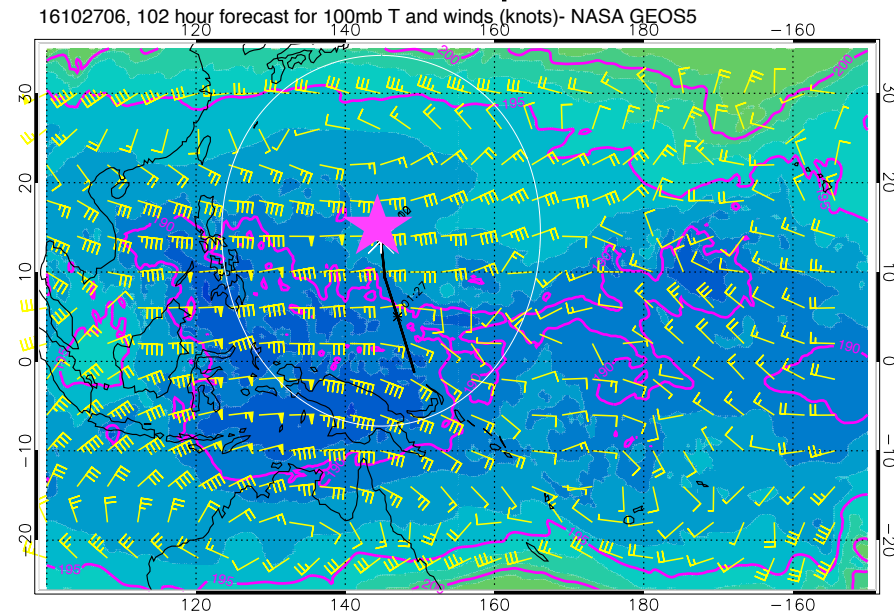
Tue 4pm



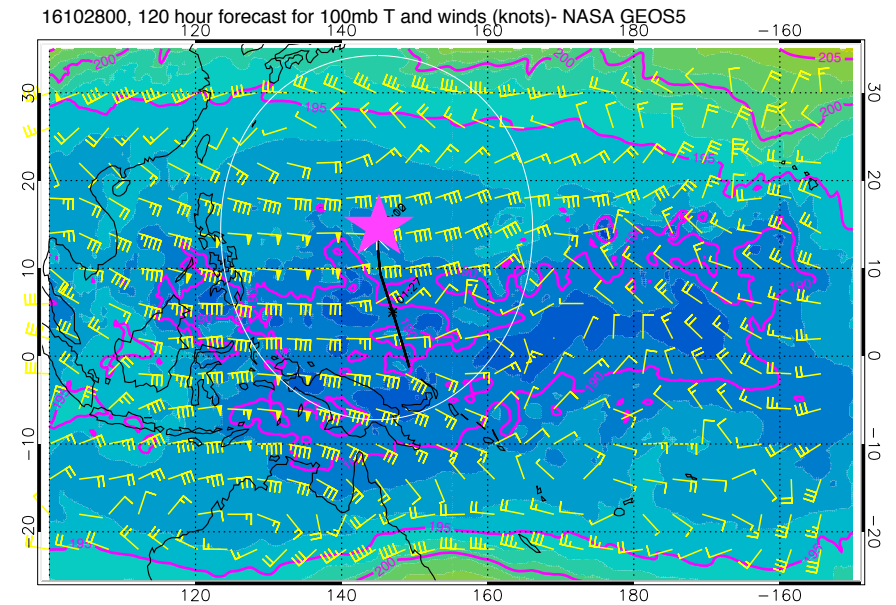
Wed 4pm



Thu 4pm



Fri 10am



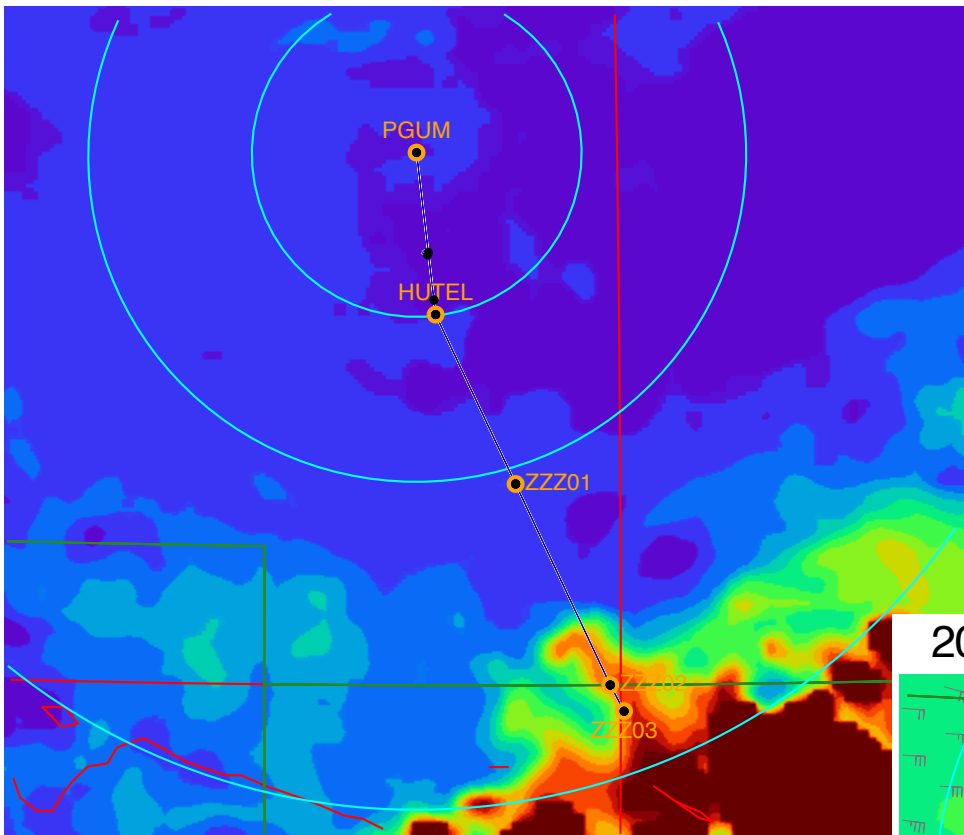
Takeoff & Landing conditions

	wind (knots)	wx
Tue 10/25 00Z (10am) 10/25 06Z (4pm)	E 10-15 E 10	isolated showers and T-storms
Wed 10/26 00Z (10am) 10/26 06Z (4pm)	E 10-15 ENE 10	isolated showers and T-storms
Thu 10/27 00Z (10am) 10/27 06Z (4pm)	E 10 ENE 10	isolated showers and T-storms
Fri 10/28 00Z (10am) 10/28 06Z (4pm)	E 10 E 5-10	cloudy skies (takeoff), isolated showers and T- storms

Summary

- Dry weather pattern over Guam, lasting to the weekend
- Good takeoff & landings conditions at Guam this week
 - E or ENE winds up to 15 knots
 - isolated showers & thunderstorms
 - expect variable winds and island convection around landing time (~12-4pm)

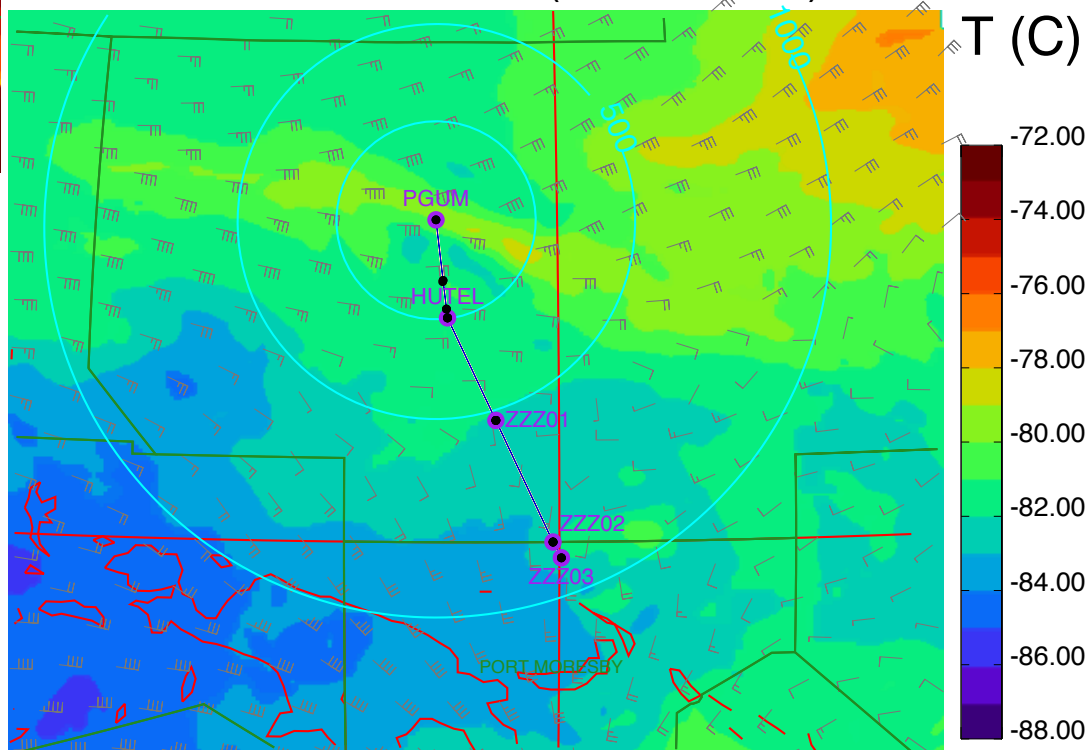
2016-10-25T03:15 UTC (54-hr fcst) at 150.0 hPa



10/25 (Tue) flight plan

total distance: 1855 nmi

2016-10-25T03:15 UTC (42-hr fcst) at 100.0 hPa



WND2 (knots)

GEOS5.72