POSIDON
weather briefing

2016-10-20
(next flight: 2016-10-21, Fri)
current IR satellite imagery
10/20, 12:50pm LT

- surface trough moving through Guam today
- another surface trough SE of Guam weakened overnight, moving west, expect drier air after it passes
Typhoon Haima
100 knt, gusts 125 knt
ECMWF forecast: precip (color) & surface winds

Fri 4pm

Sat 4pm

Sun 4pm

Mon 4pm
GFS forecast: precip (color) & surface winds

Fri 4pm

Sat 4pm

Sun 4pm

Mon 4pm
## Takeoff & Landing conditions

<table>
<thead>
<tr>
<th>Day</th>
<th>Wind (knots)</th>
<th>WX</th>
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<tbody>
<tr>
<td>Fri</td>
<td>SE 5-10</td>
<td>isolated showers and T-storms</td>
</tr>
<tr>
<td>10/21 00Z (10am)</td>
<td>SE 5-10</td>
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<tr>
<td>10/21 06Z (4pm)</td>
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Summary

- Typhoon Haima (Cat 4) has moved away from Guam, made landfall in the Philippines
- Surface trough SE of Guam has weakened overnight and moving west
- Good takeoff & landings conditions at Guam through early next week
- Weak (5-10 knot) winds, isolated showers & thunderstorms (expect island convection near landing time)
column SO$_2$ (10/19 ~1pm)
10/21 (Fri) flight plan

total distance: 1878 nmi

head SE towards Bougainville Island (Papua New Guinea)