

NAAMES Afternoon WX Discussion

Wednesday 18, 2016

Forecast Summary

Day 1 (Thursday) – May 19

Recommendation: Ship in transit to S2, Potential Fly Day

St. John's: Sunny skies. High 56F. Winds WSW at 5 to 10 mph.

Day 2 (Friday) – May 20

Recommendation: Ship at S2, Potential Fly Day

St. John's: Sunny, along with a few afternoon clouds. High 57F. Winds SW at 10 to 15 mph.

Day 3 (Saturday) – May 21

Recommendation: Ship at S2, Potential Fly Day

St. John's: Partly cloudy skies. High around 60F. Winds WNW at 5 to 10 mph.

Day 4 (Sunday) – May 22

Recommendation: Ship in transit to S3, Potential Fly Day

St. John's: Mostly sunny skies. High 52F. Winds NE at 10 to 15 mph.

Day 5 (Monday) – May 23

Recommendation: Ship at S3, Potential Fly Day

St. John's: Showers in the morning, then partly cloudy in the afternoon. High 52F. Winds SSE at 10 to 15 mph. Chance of rain 40%.

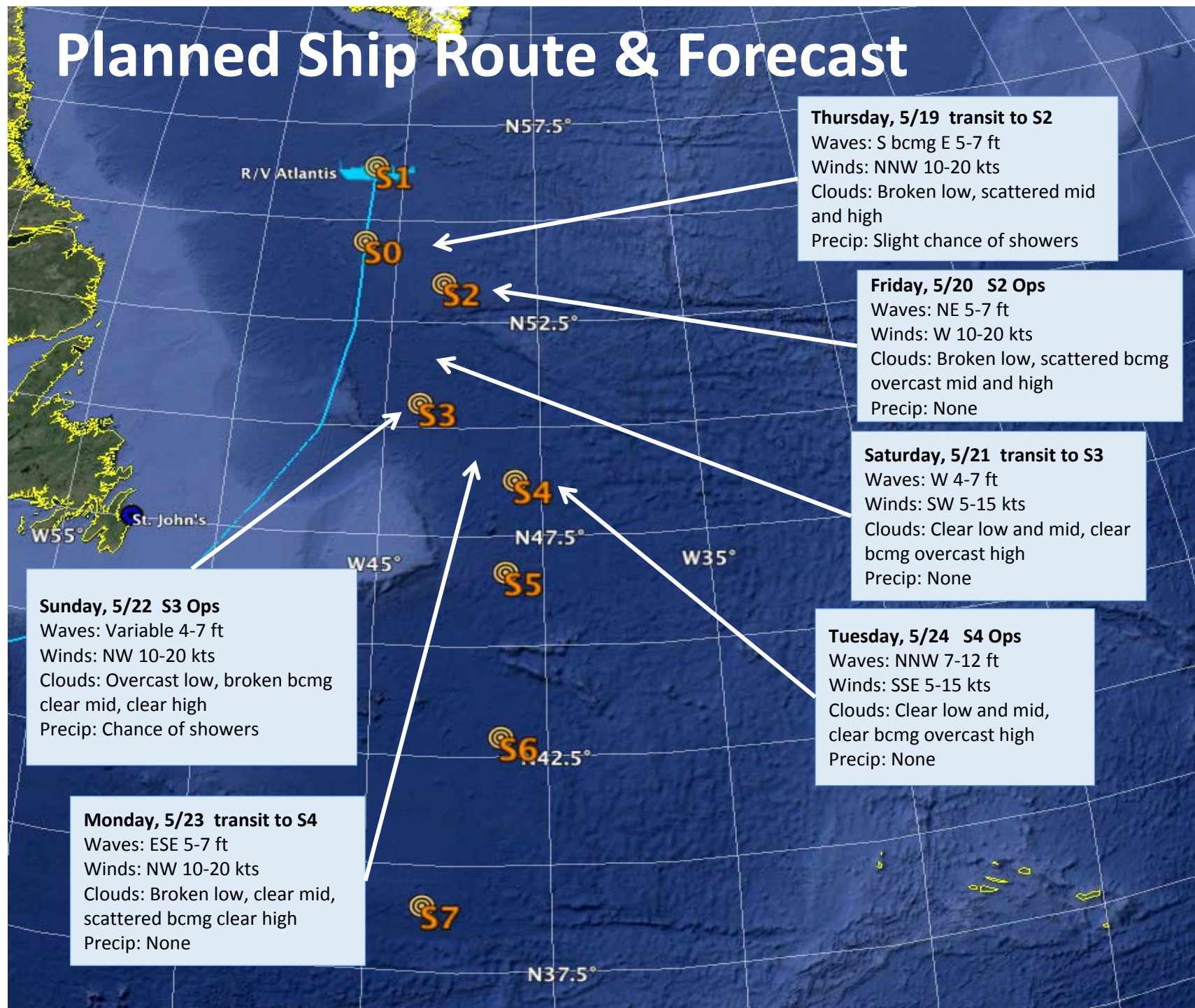
Day 6 (Tuesday) – May 24

Recommendation: Ship in transit to S4, Potential Fly Day

St. John's: A few clouds early, otherwise mostly sunny. High around 60F. Winds WSW at 10 to 15 mph.

CALIPSO tracks through domain on 20th, 21st, 23rd, 25th, 27th, and 30th.

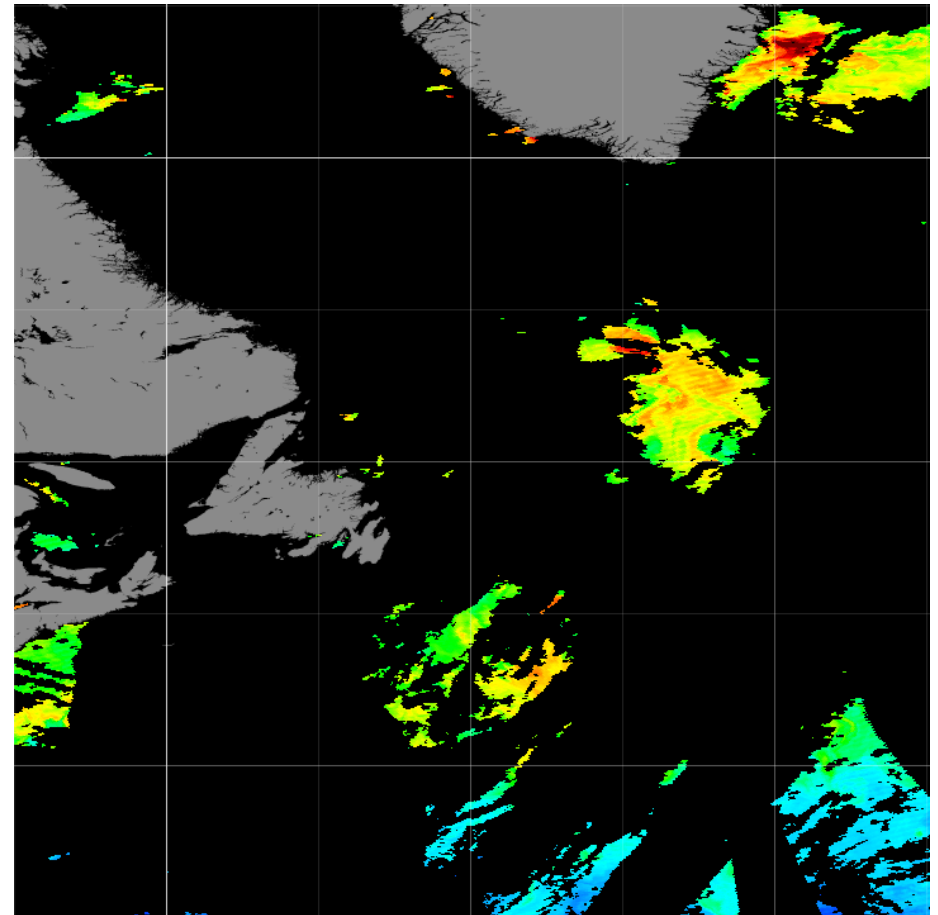
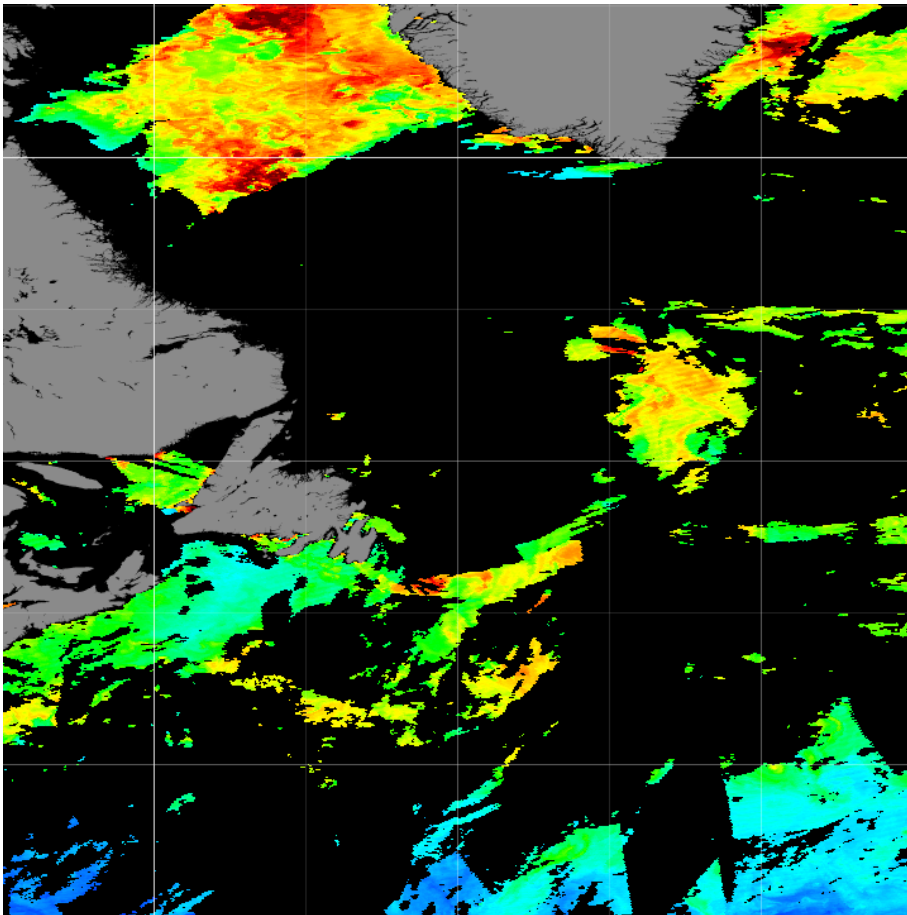
Planned Ship Route & Forecast



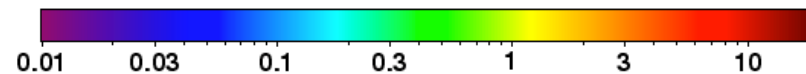
MODIS Aqua Chlorophyll

May 15-17, 2016

May 17, 2016

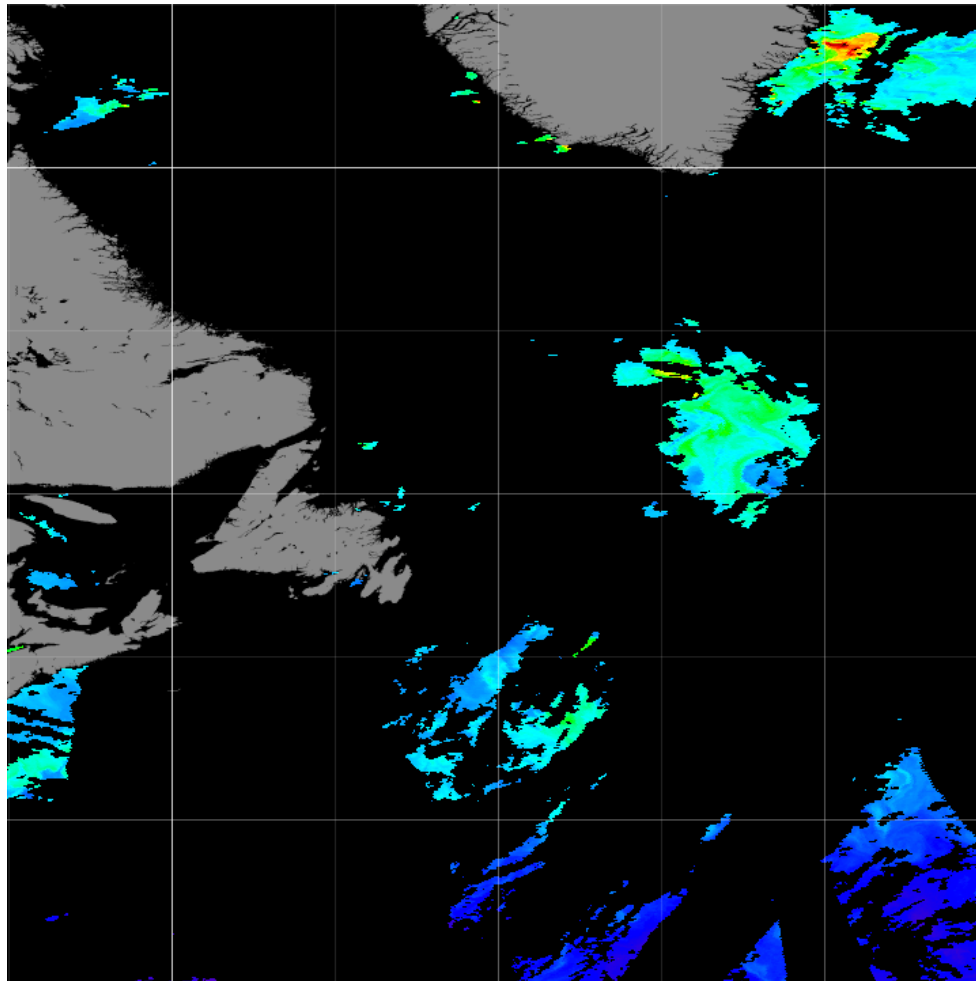


Chlorophyll a concentration (mg / m³)

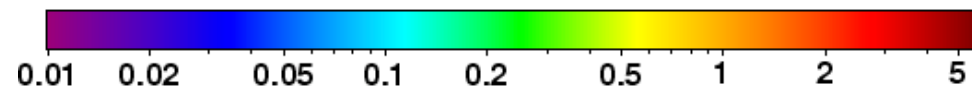


MODIS Aqua Kd

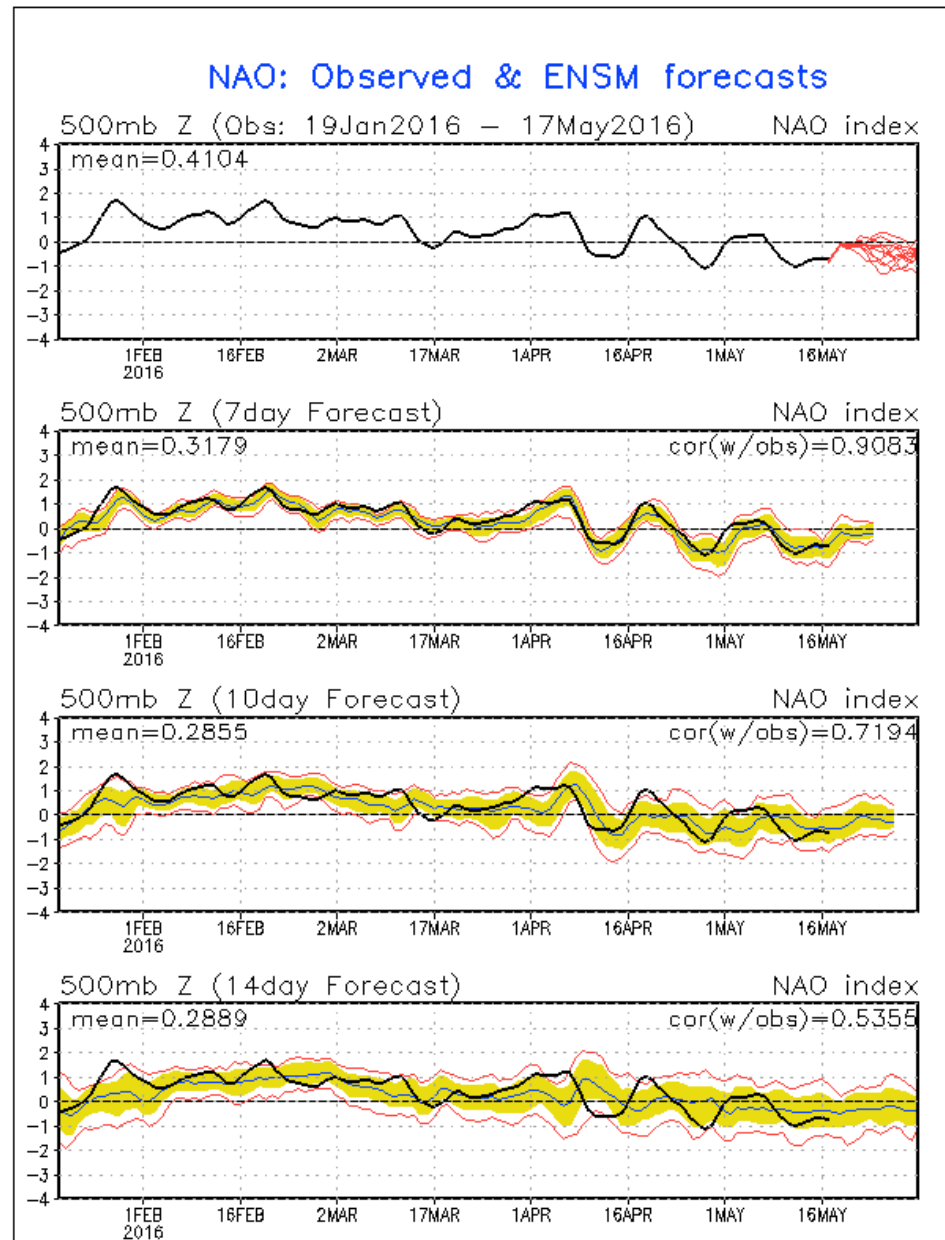
May 17, 2016



Diffuse attenuation coefficient at 490 nm (m^{-1})

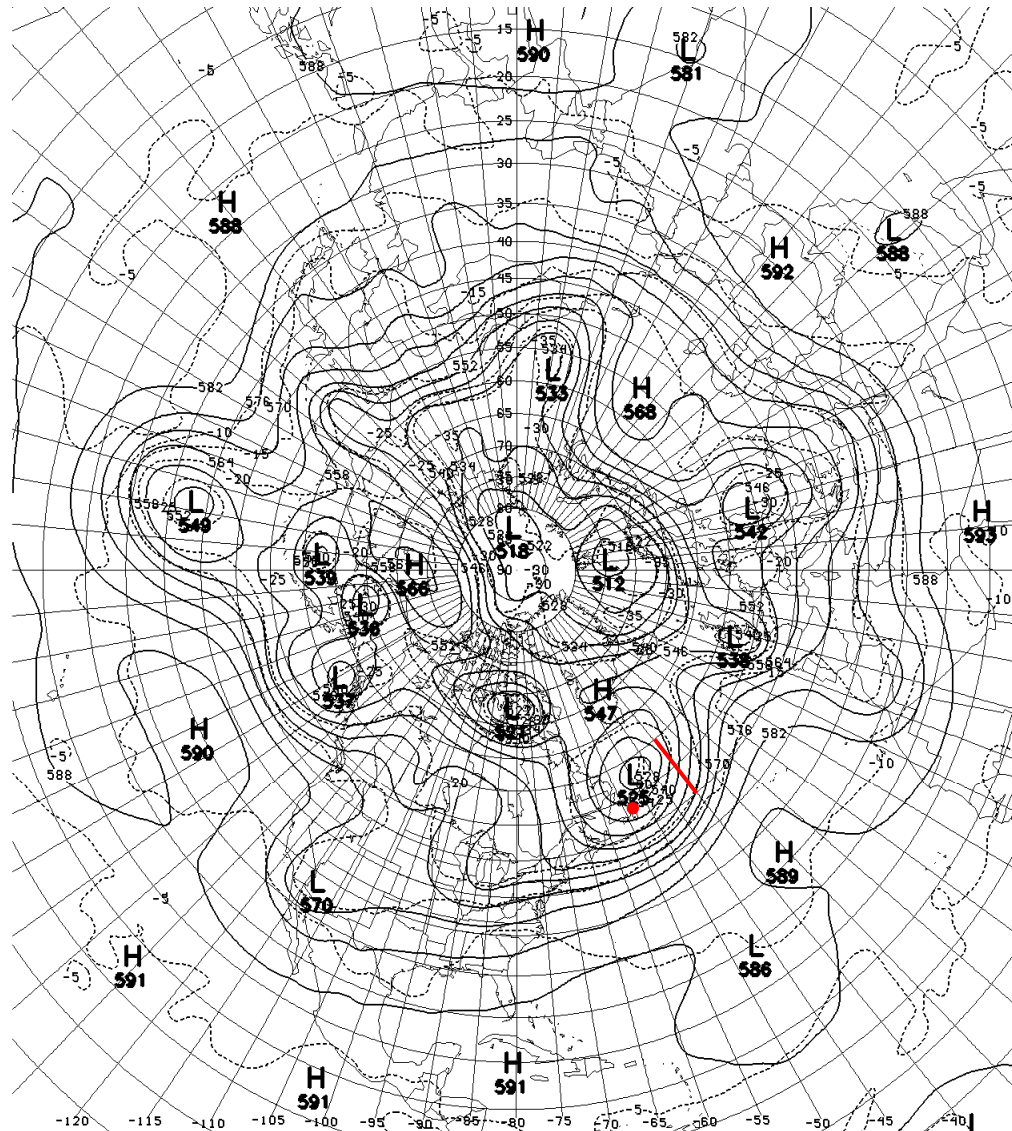


North Atlantic Oscillation



North Atlantic Oscillation

500MB ANALYSIS HEIGHTS/TEMPERATURE

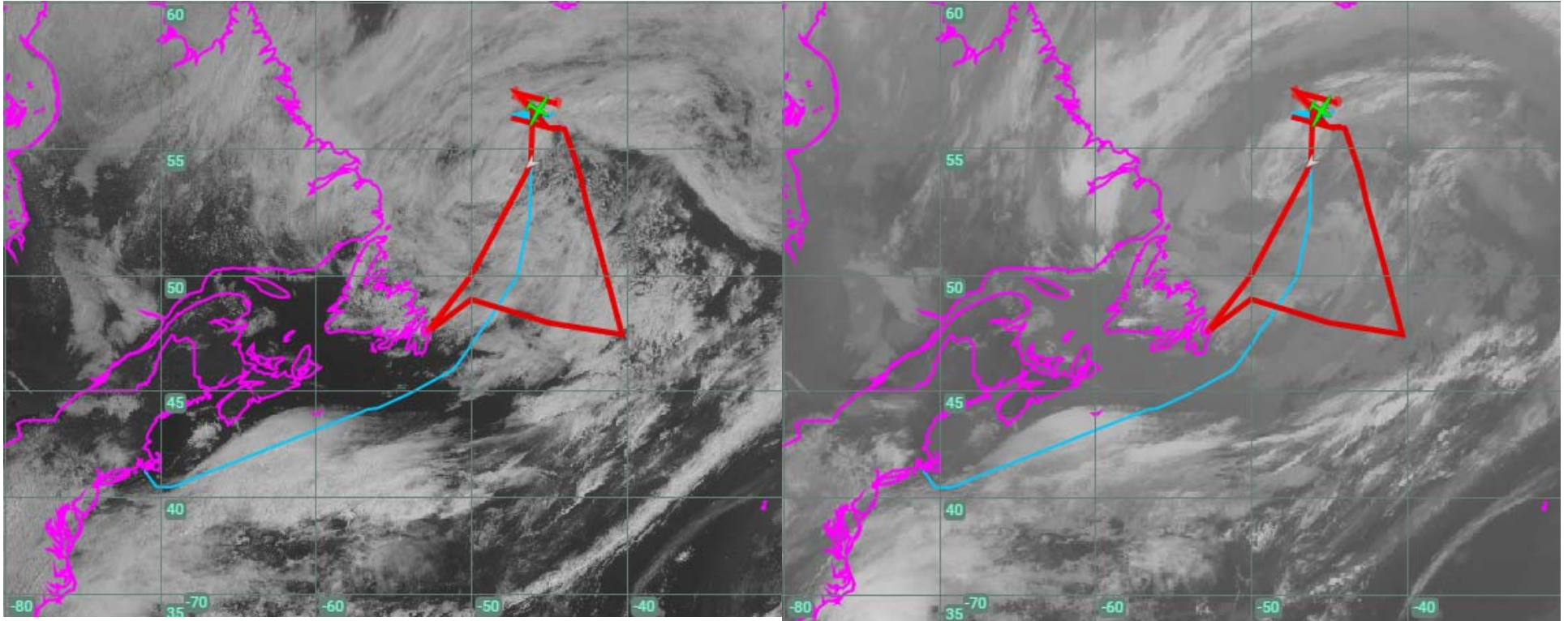


05/18/2016 06UTC 000HR FCST VALID WED 05/18/2016 06UTC NCEP/NWS/NOAA

Satellite (5/18 13:45Z)

Visible

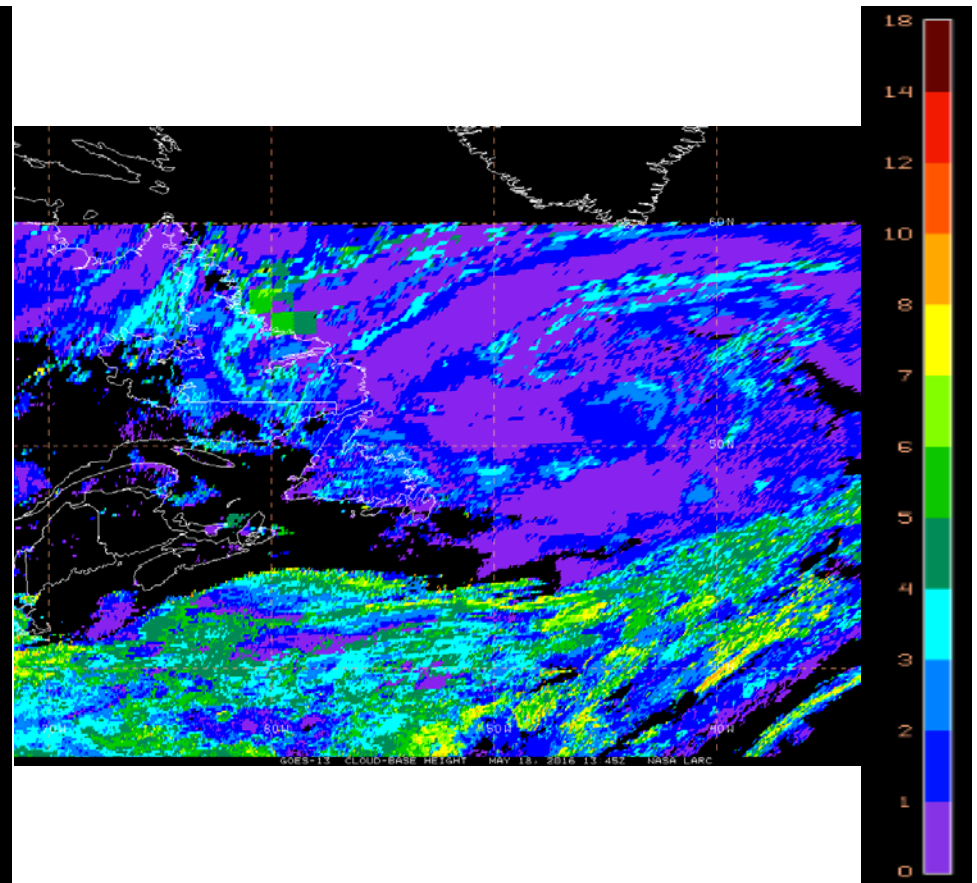
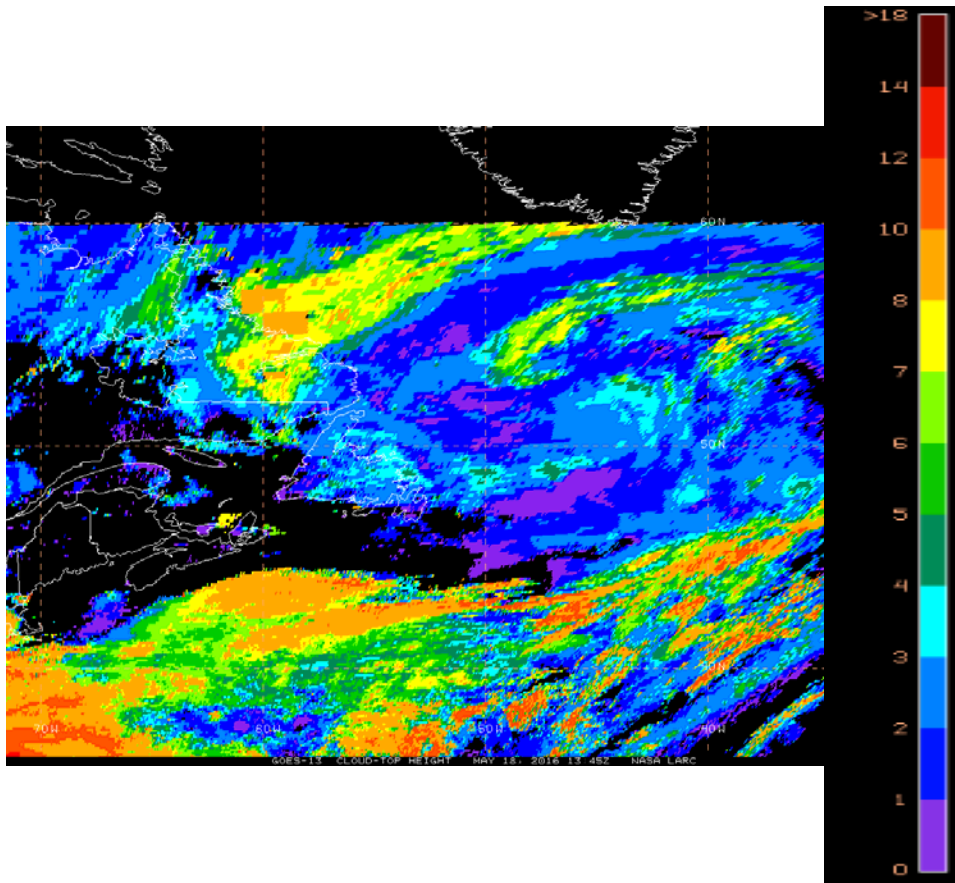
IR



Cloud Products (5/18 13:45Z)

Cloud Top Height

Cloud Base Height



Current Conditions at St. John's

Saint John's, Newfoundland ★ 🏠

✈ St. John's International | [Change Station](#) ▼



© 11:29 AM NDT on May 18, 2016 [GMT -0230]

[Forecast](#) [History](#) [Calendar](#) [Rain / Snow](#) [Health](#)

Elev 459 ft 47.62 °N, 52.74 °W | Updated 46 sec ago



Mostly Cloudy

50 °F

Feels Like 48 °F



Wind from W
Gusts 31.1 mph

Today is forecast to be **NEARLY THE SAME** temperature as yesterday.

Today

High 50 | Low 35 °F

80% Chance of Precip.

Yesterday

High 48 | Low 39 °F

Precip. 0 in



[Rain possible at 3:30pm.](#)

Pressure 29.75 in
Visibility 15.0 miles
Clouds Scattered Clouds 2000 ft
Mostly Cloudy 3100 ft
Mostly Cloudy 10000 ft
Dew Point 39 °F
Humidity 62%
Rainfall 0.00 in
Snow Depth Not available.

Sun & Moon

5:19 am

8:36 pm

☾ Waxing Gibbous,
90% visible

SPECI CYYT 181325Z 28019G31KT 15SM SCT020
BKN031 BKN100 09/04 A2973 RMK SC4SC1AC1 CU
ASOCTD SCND LVR SLP073

Radar

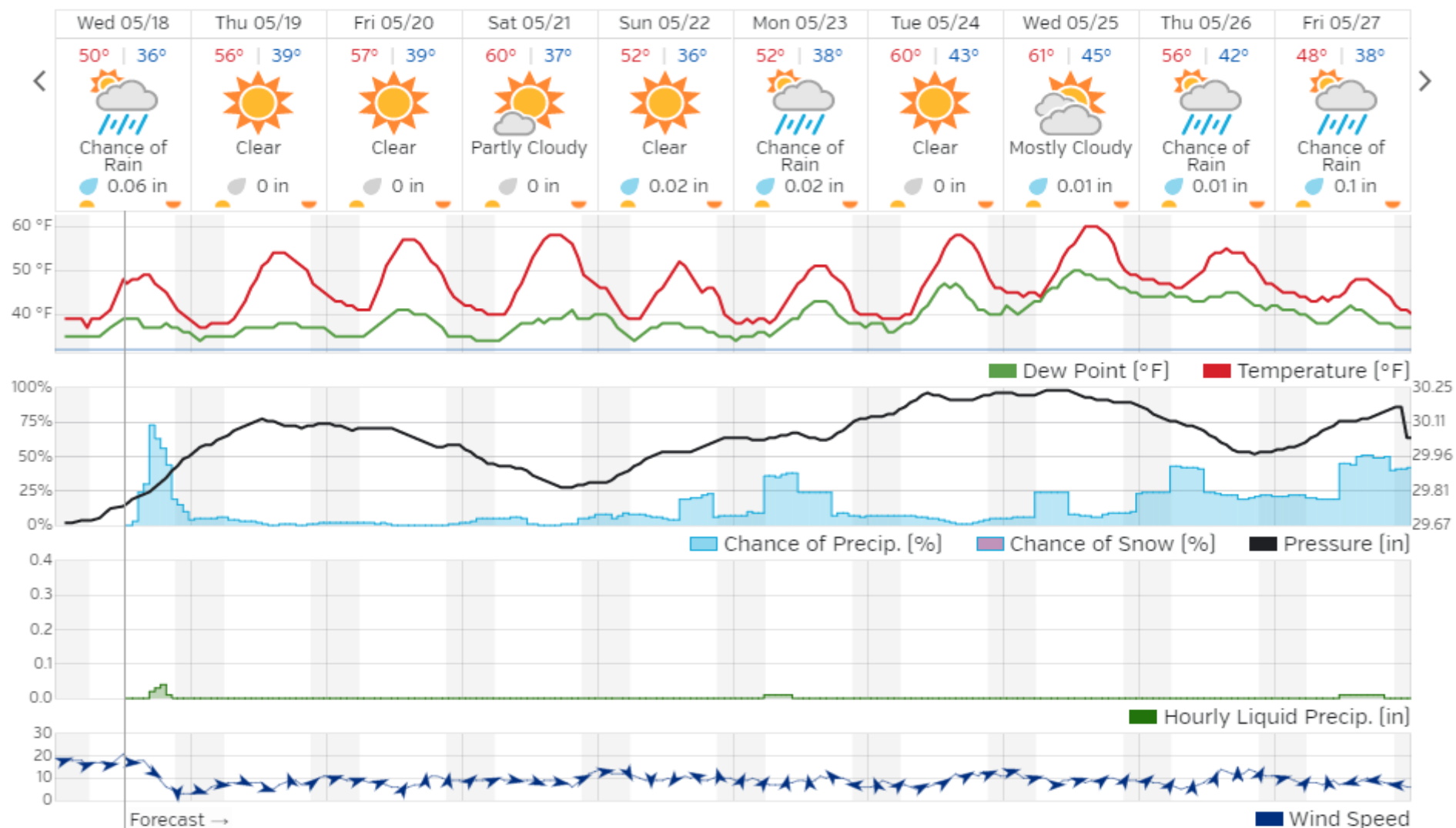
Satellite

[WunderMap](#) | [Nexrad](#)



☐ Show Webcams

St. John's Forecast



[View Calendar Forecast](#)

Source: Weather Underground BestForecast

St. John's METAR and TAF

TAF CYYT 181139Z 1812/1912 26018G28KT P6SM -SHRA BKN015 OVC050 TEMPO 1812/1818 P6SM NSW SCT015 BKN050 FM181800 28015G25KT P6SM -SHRA BKN030 FM190000 30008KT P6SM OVC020 FM191000 28012G22KT P6SM SCT020 RMK NXT FCST BY 181800Z=				
TAF		LOCATION		VALIDITY [UTC]
		CYYT - ST. JOHN'S/ST. JOHN'S INTL/NL		18 MAY - 1139 to 19 MAY - 1200
TIMES [UTC]	WIND [DEGREES TRUE]	VISIBILITY [STAT. MILES]	WEATHER	CLOUDINESS [FEET AGL]
18 MAY - 1200 to 18 MAY - 1800	260 @ 18 KNOTS GUSTS 28 KNOTS	6+	LIGHT RAIN SHOWER	1500 BROKEN 5000 OVERCAST
TEMPORARY CHANGES 18 MAY - 1200 to 18 MAY - 1800		6+	NIL	1500 SCATTERED 5000 BROKEN
18 MAY - 1800 to 19 MAY - 0000	280 @ 15 KNOTS GUSTS 25 KNOTS	6+	LIGHT RAIN SHOWER	3000 BROKEN
19 MAY - 0000 to 19 MAY - 1000	300 @ 8 KNOTS	6+	NIL	2000 OVERCAST
19 MAY - 1000 to 19 MAY - 1200	280 @ 12 KNOTS GUSTS 22 KNOTS	6+	NIL	2000 SCATTERED
REMARKS				
THE NEXT FORECAST WILL BE ISSUED BY 1800 UTC ON DAY 18				

ST. JOHN'S/ST. JOHN'S INTL/NL

METAR CYYT 181400Z 27021G27KT 15SM SCT018 BKN035 BKN100 10/03 A2973 RMK SC3SC2AC1 SLP075=		
METAR	LOCATION CYYT - ST. JOHN'S/ST. JOHN'S INTL/NL	DATE - TIME 18 MAY 2016 - 1400 UTC
WIND 270 TRUE @ 21 KNOTS GUSTS 27 KNOTS	VISIBILITY 15 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS SCATTERED CLOUDS (3/8 - 4/8) 1800 FT BROKEN CLOUDS (5/8 - 7/8) 3500 FT BROKEN CLOUDS (5/8 - 7/8) 10000 FT	TEMP / DEWPOINT 10 C / 3 C
ALTIMETER 29.73 IN HG	RECENT WEATHER	WIND SHEAR

Surface Analysis and Synoptic Forecast

