



Offshore Aviation Weather Forecasting

StormGeo's aviation services provide full-column weather decision support for the operational and planning needs of the aviation industry. This includes offshore helicopter and airport operations, and observer training.

StormGeo is officially certified to deliver route forecasts, low-level significant weather charts and aerodrome forecasts (TAF) and is a trusted supplier of aviation meteorological services.

Heli MetOps and Heli MetPlan

StormGeo's Heli MetOps and Heli MetPlan provide complete decision support to successfully manage aviation logistics for offshore operations. The forecasts are delivered in an intuitive "traffic light" format to successfully identify and manage periods of flight restrictions. This level of decision support means the right staff are in the right place at the right time, resulting in more efficient operations.

Heli MetOps forecasts are issued three times per day, for the day of operations. This allows you to make contingency plans for airport and offshore helideck closures.

Heli MetPlan

Heli MetPlan is a daily planner that provides your logistics team with a two-to-five day overview. This extended forecast gives you a look ahead for advance planning.

Heli MetOps Features	Heli MetOps Benefits
Accurate weather forecasts	Safe and efficient offshore operations
Internationally recognized verification methods used	Improve aviation forecast accuracy and quality
24-hour assistance	Dedicated aviation support
Availability of forecasts for any offshore environment in the world	Global capability coupled with local expertise
Up-to-date advice relating to operability	Reduce time spent at airports, disseminate information to offshore crews in a timely manner, and make advance travel arrangements for staff transferred to and from alternate airports
Certified provider of CAP 437 training for Offshore Meteorological Observers	Make informed weather-related decisions



0500 forecast issued at 0448 UTC
Valid from Wed 21/10/15 05:00 UTC to Wed 21/10/15 21:00 UTC

Kirsty Young, Forecaster

FORECASTER COMMENTS

Deep Low pressure to the north brings gales across the route at first with a front tracking eastwards towards Norway. The front brings a risk of low cloud bases and poor visibility this morning, with winds easing significantly behind the front.
A further frontal system then moves over the route this evening.

LEGEND

- Restriction is not expected
- 30-50% chance of Restriction
- Restriction is expected to occur

	Cloud cover	Visibility	Lightning	Mod/Sev icing	Wind speed	Wave height
Wed 05:00	Red	Red	Green	Green	Yellow	Green
06:00	Red	Red	Green	Green	Yellow	Green
07:00	Red	Red	Green	Green	Yellow	Green
08:00	Yellow	Yellow	Green	Green	Yellow	Green
09:00	Yellow	Yellow	Green	Green	Yellow	Green
10:00	Yellow	Yellow	Green	Green	Yellow	Green
11:00	Yellow	Yellow	Green	Green	Yellow	Green
12:00	Green	Green	Green	Green	Yellow	Green
13:00	Green	Green	Green	Green	Yellow	Green
14:00	Green	Green	Green	Green	Yellow	Green
15:00	Green	Green	Green	Green	Yellow	Green
16:00	Green	Green	Green	Green	Yellow	Green
17:00	Green	Green	Green	Green	Yellow	Green
18:00	Yellow	Yellow	Green	Green	Yellow	Green
19:00	Yellow	Yellow	Green	Green	Yellow	Green
20:00	Yellow	Yellow	Green	Green	Yellow	Green

THRESHOLD DESCRIPTION

- Cloud cover: Cloud base below 300 feet, BKN/OVC amounts only.
- Lightning: Risk of thunderstorms
- Mod/Sev icing: Risk of moderate or severe icing at or below 3000 feet
- Visibility: Visibility less than 1500 metres
- Wave height: Significant wave height (Hsig) greater than 6.0 metres
- Wind speed: Wind gusts at anemometer height greater than 60 knots

Heli MetOps Forecast

The Heli MetOps forecasts are delivered in an intuitive "traffic light" format to successfully identify and manage periods of flight restrictions.

1100 forecast issued at 1040 UTC
Forecast is valid from Sat 25/04/15 06:00 UTC to Tue 28/04/15 21:00 UTC

Natalie Eaton, Forecaster

FORECASTER COMMENTS

Low pressure systems develop in the Norwegian Sea and the Atlantic on Friday moving eastwards with associated fronts over the weekend. There will be a continued risk of low cloud and reduced visibility during Friday morning and evening along your route. There will be a risk of icing developing on Friday, Sunday and Monday. There is a risk of thundery showers developing on Monday afternoon.

LEGEND

- Restriction is not expected
- 30-50% chance of Restriction
- Restriction is expected to occur

	Cloud cover	Visibility	Lightning	Mod/Sev icing	Wind speed	Wave height
Sat 06:00-09:00	Green	Yellow	Green	Green	Green	Green
09:00-12:00	Green	Green	Green	Green	Green	Green
12:00-15:00	Green	Green	Green	Green	Green	Green
15:00-18:00	Green	Green	Green	Green	Green	Green
18:00-21:00	Green	Green	Green	Green	Green	Green
Sun 06:00-09:00	Green	Green	Green	Green	Green	Green
09:00-12:00	Green	Green	Green	Green	Green	Green
12:00-15:00	Green	Green	Green	Green	Green	Green
15:00-18:00	Green	Green	Green	Yellow	Green	Green
18:00-21:00	Green	Green	Green	Yellow	Green	Green
Mon 06:00-09:00	Green	Green	Green	Green	Green	Green
09:00-12:00	Green	Green	Yellow	Yellow	Green	Green
12:00-15:00	Green	Green	Yellow	Yellow	Green	Green
15:00-18:00	Green	Green	Yellow	Yellow	Green	Green
18:00-21:00	Green	Green	Yellow	Yellow	Green	Green
Tue 06:00-09:00	Green	Green	Green	Green	Green	Green
09:00-12:00	Green	Green	Green	Green	Green	Green
12:00-15:00	Green	Green	Green	Green	Green	Green
15:00-18:00	Green	Green	Green	Green	Green	Green
18:00-21:00	Green	Green	Green	Green	Green	Green

Heli MetPlan Forecast

Heli MetPlan is a daily planner that provides your logistics team with a two-to-five day overview. It is presented in a similar format to Heli MetOps and is issued once per day. This extended forecast gives you a look ahead for advance planning.



StormGeo is a global provider of advanced analytics and meteorological services delivering decision support for weather sensitive operations. Since its inception StormGeo has analyzed petabytes of data, transforming it into actionable decision guidance to help our customers manage risk and operations, control costs and increase revenue. The company has a leading position in solutions for shipping, offshore oil and gas, renewable energy and corporate enterprise business continuity. StormGeo has 23 worldwide offices of which 7 are 24/7/365 operation centers spanning all geographical areas of the world. StormGeo is a ISO-9001 certified company. For more information visit stormgeo.com or email info@stormgeo.com.

