

NGGPS skill metrics - pragmatics

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Beat Null Forecaster

1. Persistence, Climatology, Same time last year,
2. Statistical (e.g. Chapman and Walsh, SIPN + Straight line, ...)
3. Previous model (once they beat 1 and 2)

Skill at Operational Horizons

- 5 days (WFO) (2,5,10 – Pestiau)
- 16 days (GFS, NNGPS, ...)
- Week 3-4
- 9 months (CFS)

n.b. Global Concern

• \int area, \int extent ...

• Ice edge (ice/no ice contingency table)

threat score

Ice Drift

Ice Conc

Ice Thickness

Hs Ts Ti

Vor Div

Rate of Strain
Tensor

Ice thickness distribution

Ridging, floe size distribution, albedo,
Lead width, length, orientation,
Albedo, $T(z)$, $S(z)$,

Processes

Coupling-Oriented

- Fluxes ...
- U10, UO,
- ????