



Federal Aviation
Administration

Drivers Influencing Weather-related NAS Metrics

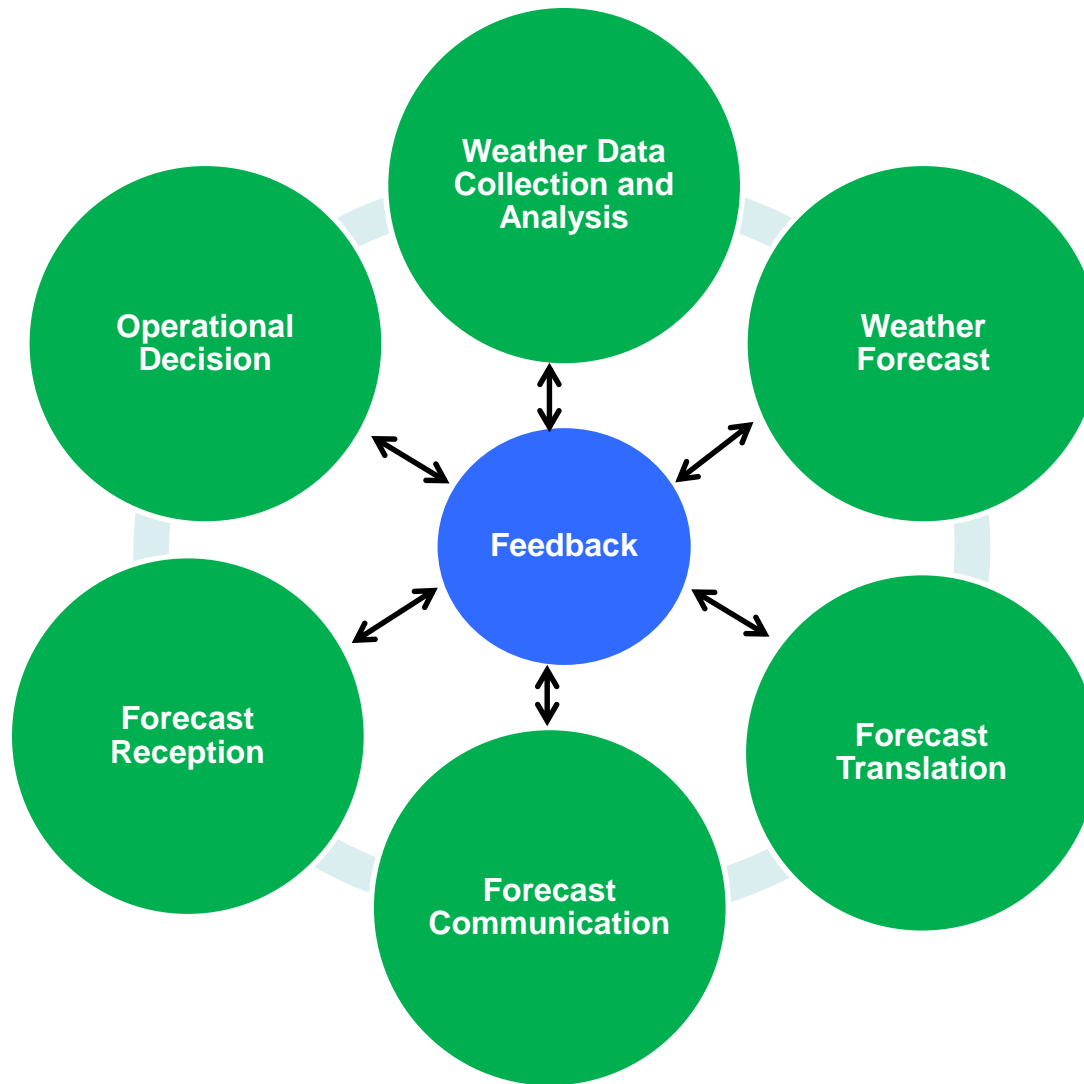
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The Weather Support “Process”



Some Considerations



Weather Metrics

Critical Success Index (CSI)

Brier Skill Score

Probability of Detection (POD)

False Alarm Rate (FAR)

Bias

Relative Operating Characteristic (ROC) curves

Root Mean Square Error (RMSE)

Equitable Threat Score

Weather metrics rarely translate to operational effectiveness and measurements



Other Factors to Consider

The actors:



Non-weather factors:

