Special Session:
Weather Related NAS Delays in the Context of Overall NAS Performance Metrics

Sub-Session III:
What Metrics are Important for FPAW?

(Striving for a consistent set of metrics FPAW can use to quantify aviation weather benefits to the NAS)
Sub-Session III: What Metrics Should We Measure?

Can FPAW make Better Use of Existing Metrics?

What If FPAW Could...

• Agree on 4 Metrics that Represent Overall NAS Performance
• Plot how those Metrics have Changed over Time
• Map those Metrics to Changes in our Wx Infrastructure
• Find Correlations between Metrics and Wx Infrastructure
• Began each FPAW meeting with a short Review of the Metrics
• Used those Metrics to help Guide the Future of FPAW
• Agreed on FPAW Recommendations for Wx Infrastructure Improvements that would Best serve the NAS

Assuming this is Possible... What Metrics could We use?
Sub-Session III: What Metrics Should We Measure?

Hypothetical Example... Could Something Like This be Helpful to Us?

% Wx Delay Minutes Mapped Against Wx Forecast Model Resolution

Delay Data SOURCE: U.S. DOT Bureau of Transportation Statistics:
http://www.transtats.bts.gov/OT_Delay/ot_delaycause1.asp?type=3&pn=1
Sub-Session III: What Metrics Should We Measure?

Then Conceptualize an FPAW Metrics Dashboard
Would something like this be Beneficial?

Before you Start Throwing Darts - Let’s Discuss with all Panelists

Use the Metrics - Don’t let the Metrics Use Us