

Weather Impacts and NWS Products at JetBlue Airways

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BOS / New England

- Began service January 2004
- #1 carrier
- “Summer of Boston”
 - 80+ daily departures to 34 destinations
 - 2nd largest focus city for JetBlue
- PWM, BTV, BDL

TAF – Tell The Story

- Individual flight planning
 - Fuel planning (“1-2-3 / 1-1-2” rule)
 - Runway suitability
 - Alternate planning
 - Our flexibility
- ATC operational planning*
 - Runway configurations / available approaches
 - Traffic Management Initiatives (TMI)
- Airport specific constraints
 - Key thresholds

Beyond the TAF

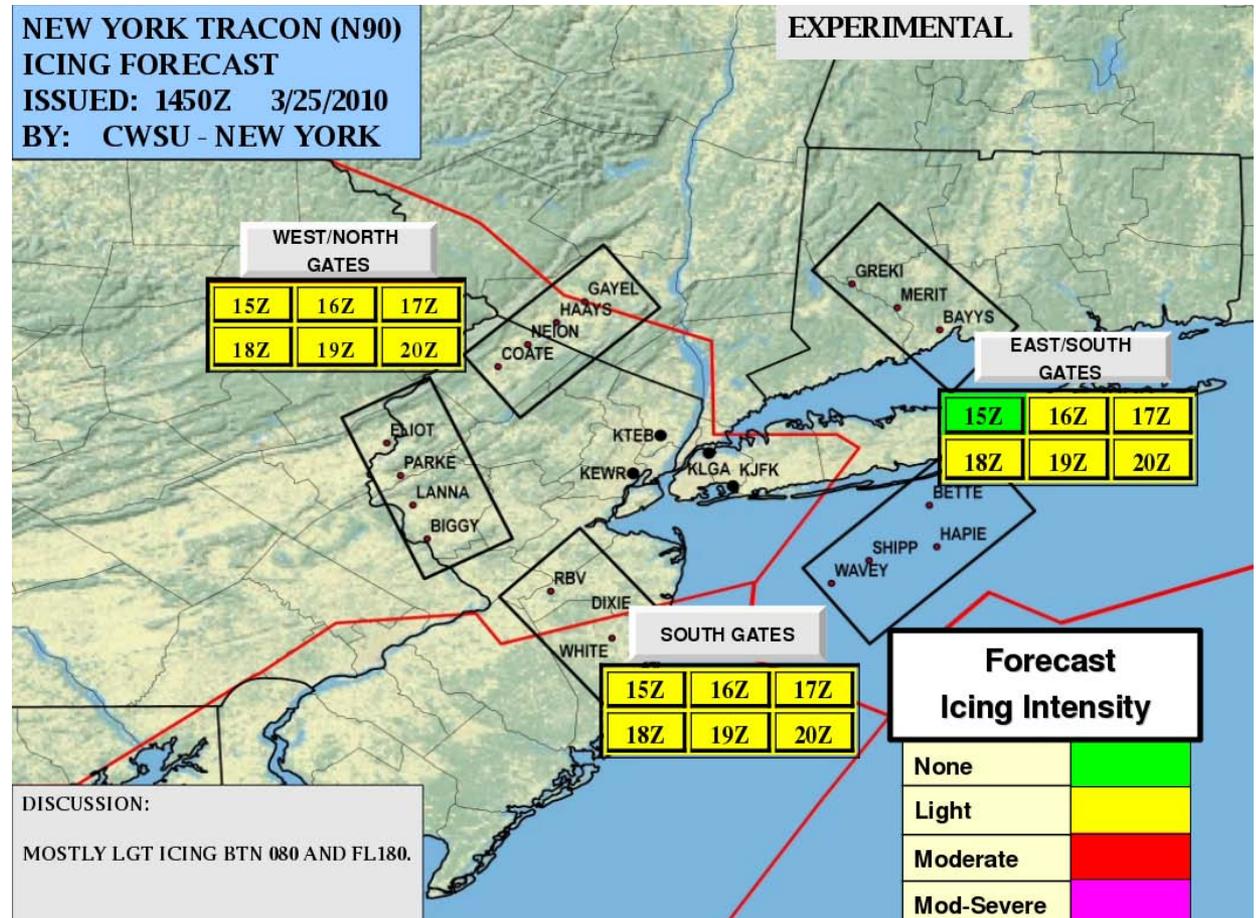
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TAF SKBO 251000Z 251212 05006KT 9999  
FEW020 SCT200  
TEMPO 2512/2513 9000 SCT018  
TEMPO 2516/2524 11010KT SCT023  
PROB40 2518/2520 9000 VCSH SCT018TCU  
BECMG 2605/2607 9000 SCT018  
TEMPO 2607/2612 8000 PRFG SCT017  
PROB30 2609/2611 5000 BR SCT015  
TX23/2518Z TN05/2611Z=
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Beyond the TAF – the “rest of the story”

- Area Forecast Discussion
 - Confidences, probabilities, scenarios
 - Hourly wind breakdown
 - Bigger picture
 - Timeframes beyond 30 hours – strategic planning
 - Complex weather situations

CWSU Products

- Used in support of air traffic management
 - Tactical Decision Aids
 - SWAP forecasts & statements



What are our weather needs?

- Winter weather: de-icing operations
 - Snowfall intensity forecast
 - Freezing rain / ice pellets / mix probabilities & intensities
- Strategic operational plan: day 2 & beyond
 - Risks, probabilities, scenarios
- ATC operations
 - SWAP
 - Compression winds
 - Airport configurations & rates



Thank you!

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