

Utilizing Technology to Customize Impact-Based Decision Support for NWS Portland Partners

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Impact-Based Decision Support Goals

1. Reach as many partners as possible

2. Provide partners specialized service whenever and however they ne



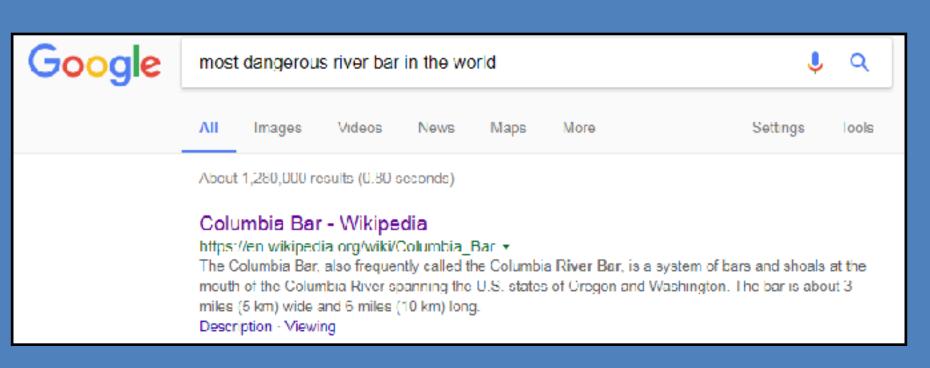
Question: Where to find time to provide specialized service for every partner given limited r Answer: Utilize technology as much as possible!

Weather-Ready Nation

Wind": "NE AT 10 TO 15 KT WITH GUSTS TO 20 KT."

Wind":"NE AT 10 TO 15 KT WITH GUSTS TO 20 KT."

Threshold-Based Marine Forecast Chart Website



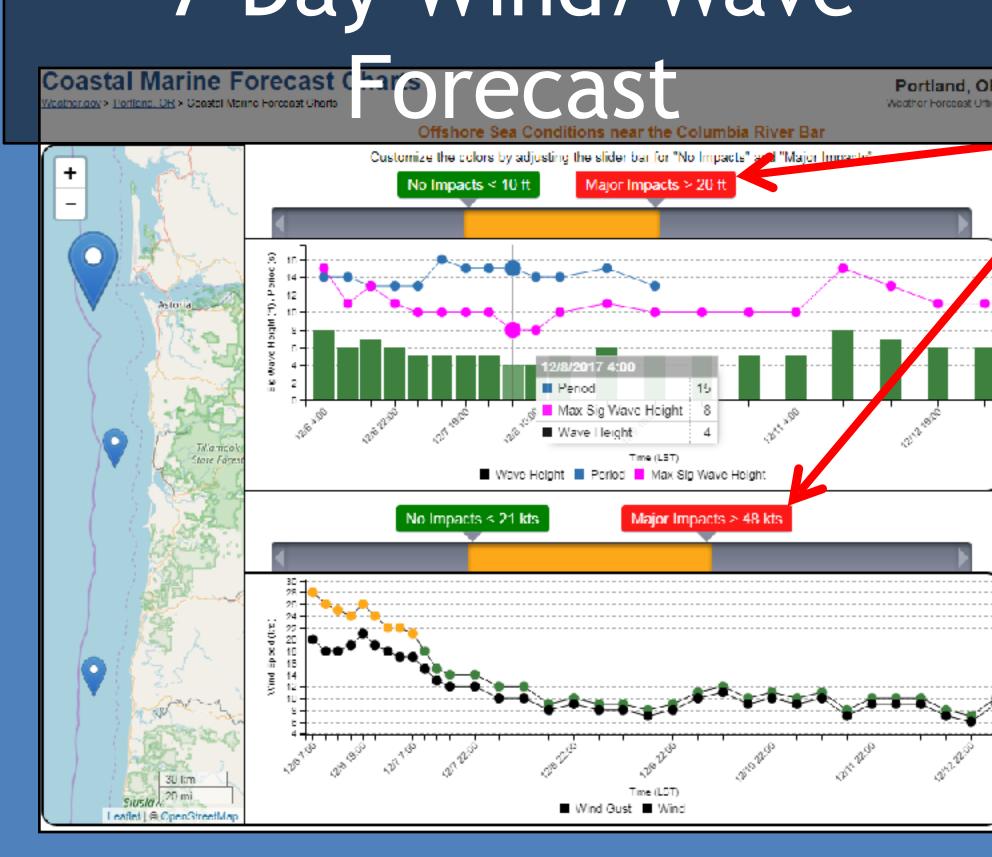
"I really appreciate the way the forecast information is displayed on this page. The color coded thresholds make it easy to quickly notice forecast adverse conditions. The customization of these thresholds is helpful to adjust for differing concerns and personal thresholds for each

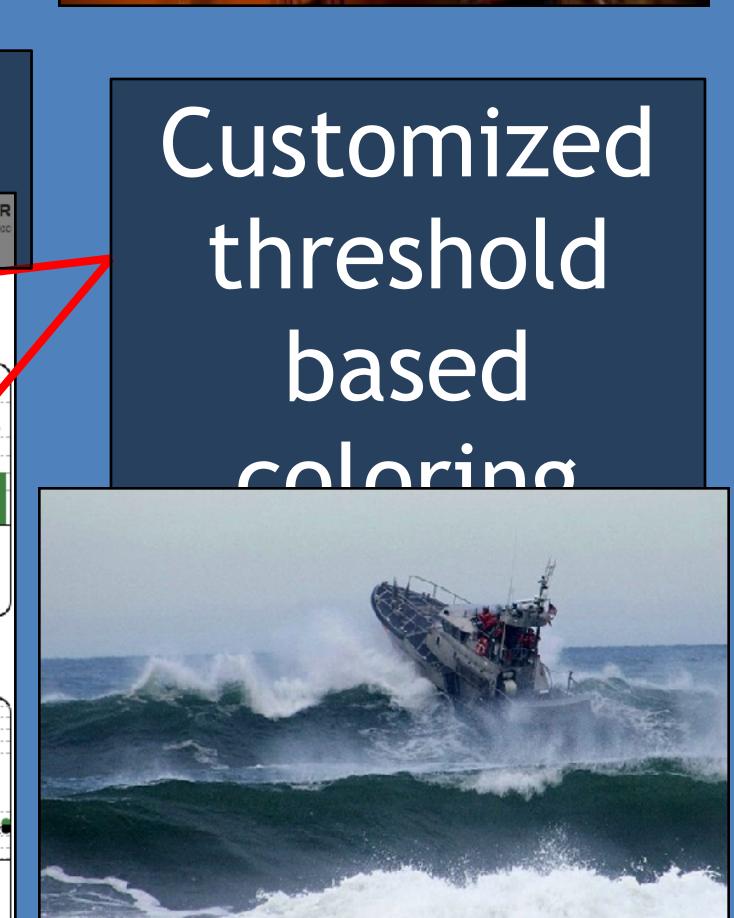
-Dan Jordan (Columbia

River Bar Pilot)

pilot."



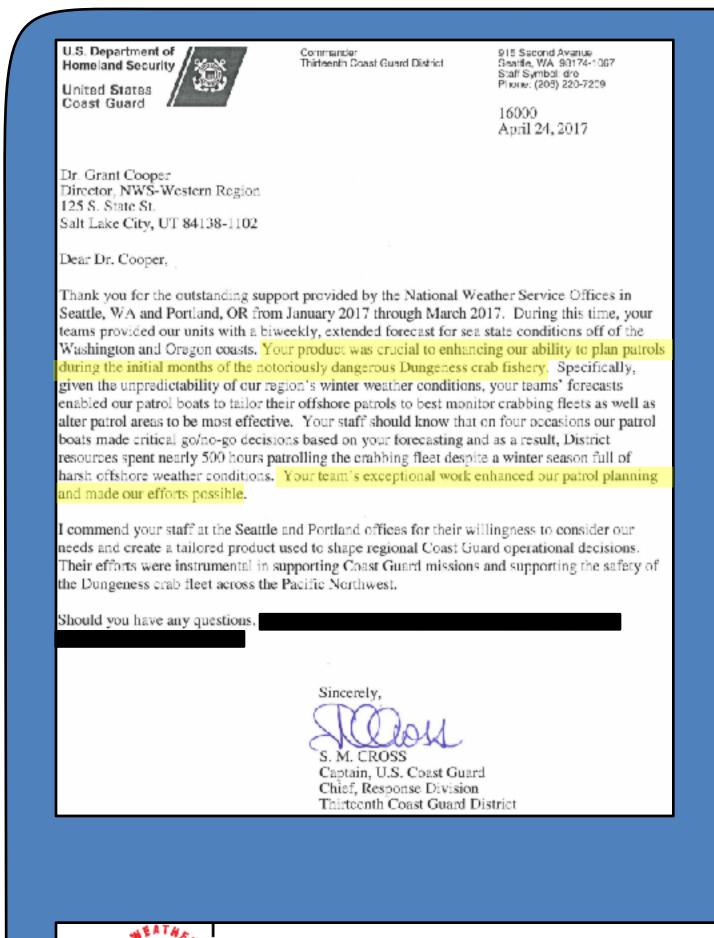


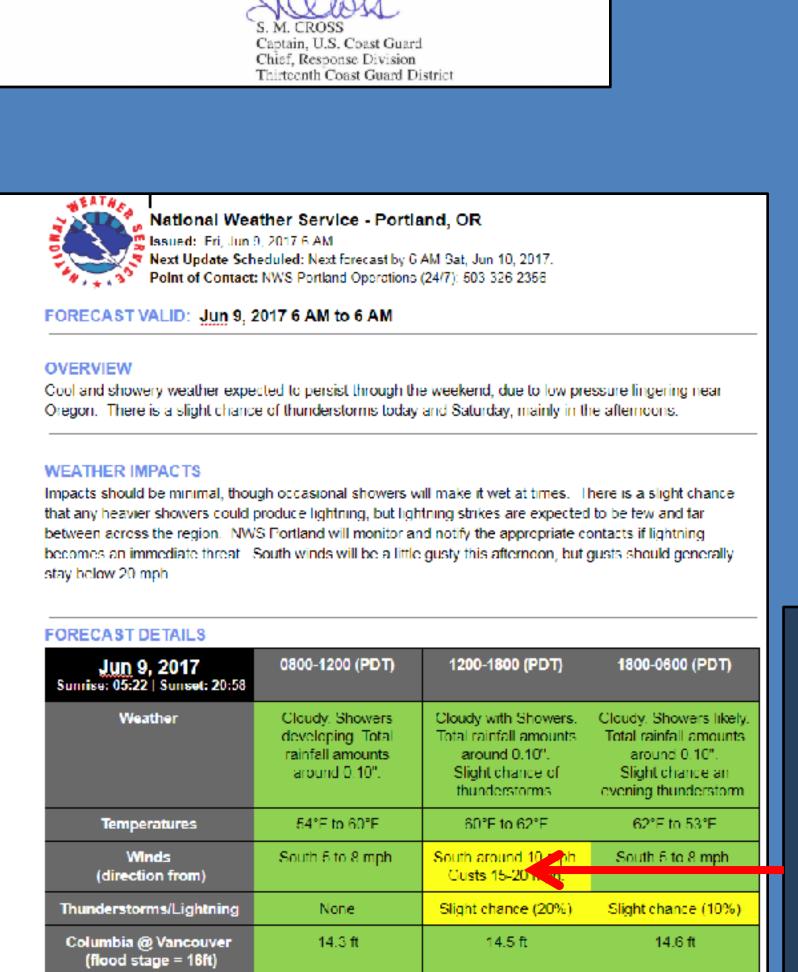




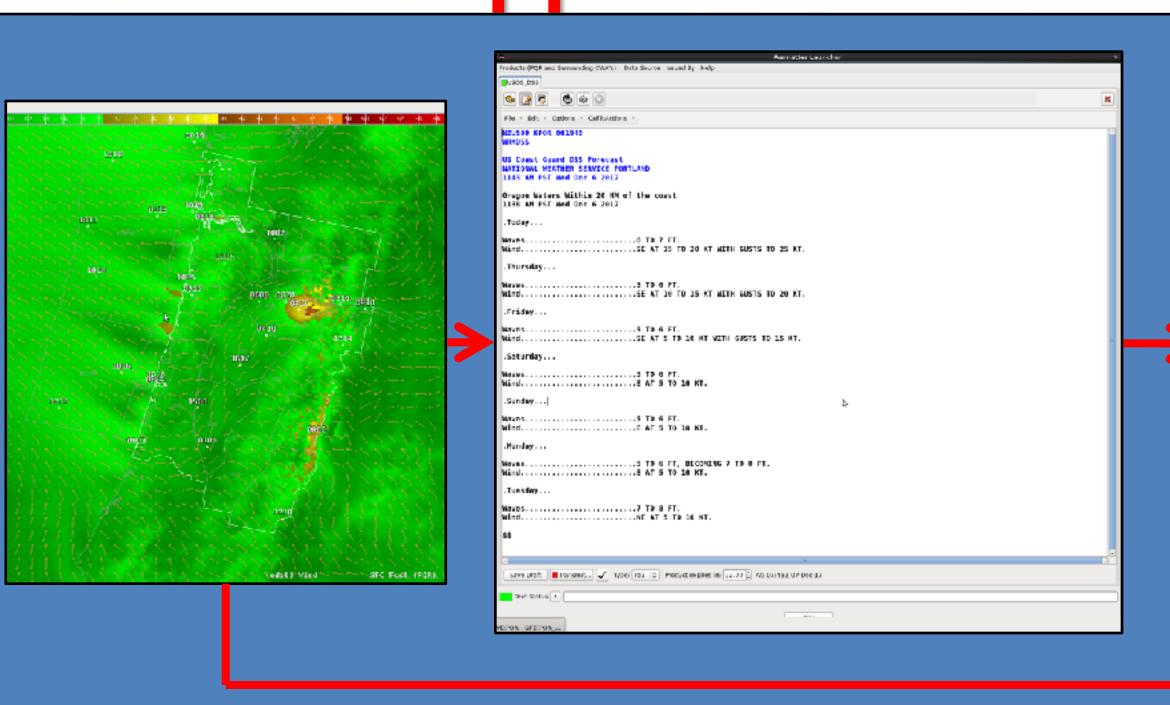
Bar Closure = \$165,000 per hour

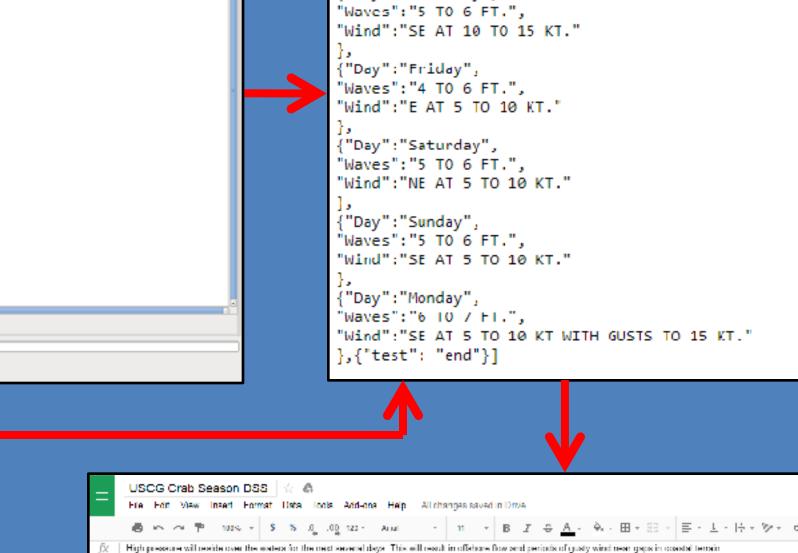
Decision Support Emails





14.1 ft





{"Day":"Today", "Waves":"8 TO 9 FT.",

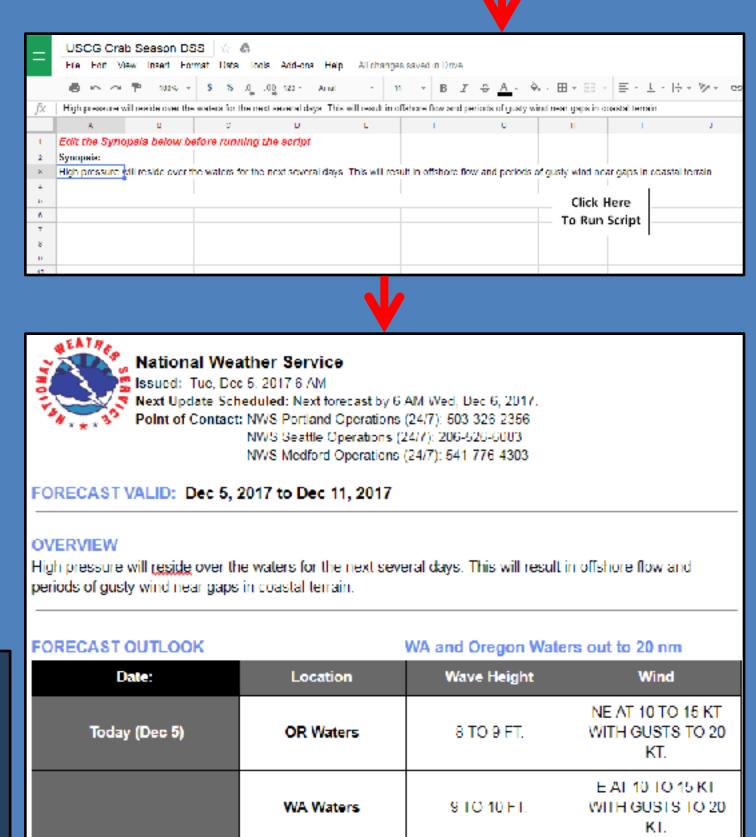
"Day":"Wednesday"

"Waves":"6 10 / Fl.",

Produce: 2016: ~30 min 2017: ~5 min

Time to

Automatically colored when partner threshold met



WA Waters

OR Waters

Friday (Dec 8)

NE AT 10 TO 15 KT WITH GUSTS TO 20

WITH GUSTS TO 2

SE AT 10 TO 15 KT

SE AT 15 TO 20 KT WITH GUSTS TO 25

E AT 5 TO 10 KT

SE AT 10 TO 15 KT