

HFR Network Status and Rebuild Efforts post-Hurricane Maria



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79%

66%

85%

86%

74%

89%

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82%

82%



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Network Status before Hurricane Maria

The high frequency CODAR (Coastal Ocean Dynamic Applications Radar) consisted of 5 operational stations covering the Mona Passage and south coast of Puerto Rico. Monostatic coverage and mean radial velocities before the storm made landfall are shown below, along with site up-time statistics.



Mean HFR Regional Surface Currents: 09-01-2017 21:00:00 - 09-01-2017 22:00:00 (GMT) 2 Total Hourly Maps 60





[top left] Radial percent coverage. [top right] Site up-time during fiscal year 2017, provided by the National Network hub hosted by Scripps. [bottom left] Mean radial velocities. [bottom right] Quarterly percentages of successful radial file transfers. Minimum vectors allowed is 300 solutions.



[above] Hourly surface currents derived from radial backscatter. [bottom left] Regional GDOP (geometric dilution of precision) quality control. [bottom right] 25-hour percent coverage

Rebuilding Efforts and Current Status

