Poster 111

Acquisition and Archiving of WSR-88D Level 1 Data from Testbed and Operational Radars

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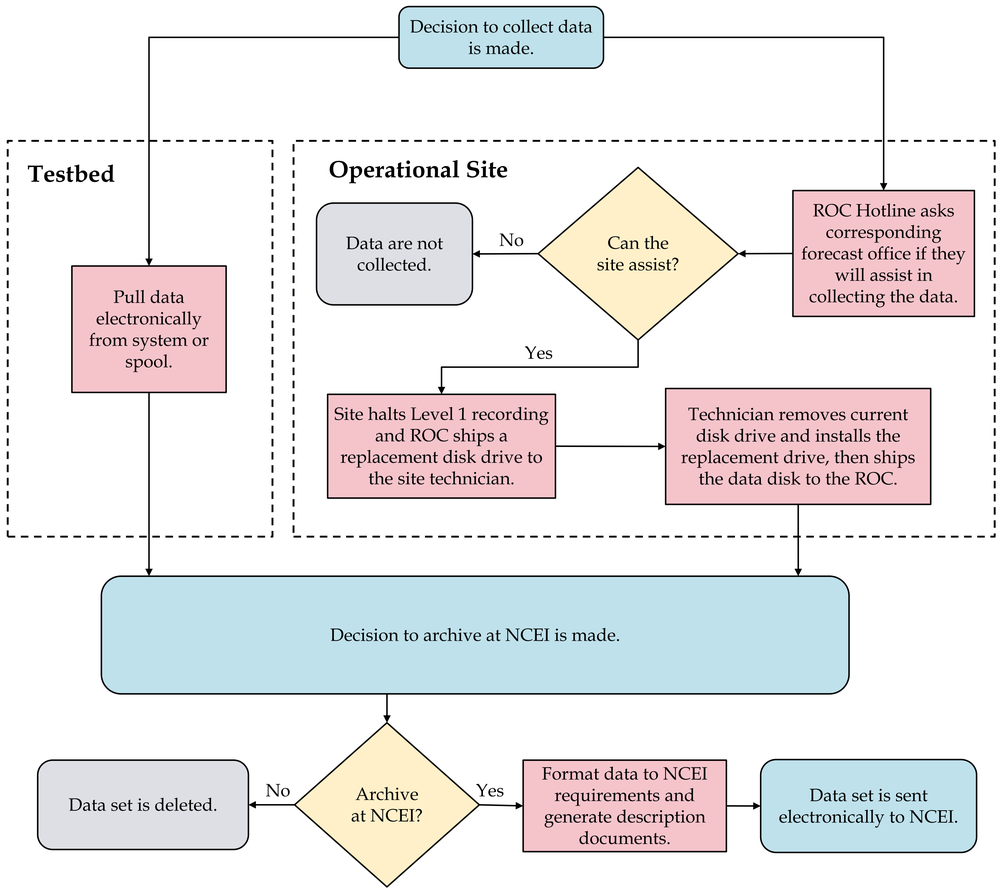
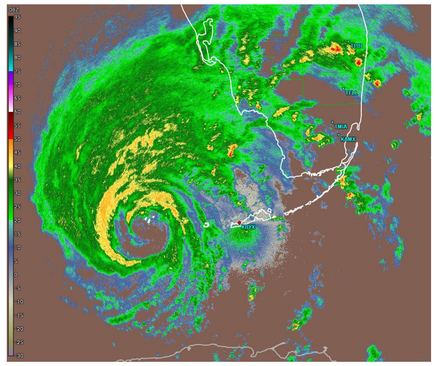
Level 1 data sets are valuable assets for signal processing algorithm development and evaluation. The improvement in electronic storage capacity now allows us to collect these data from both testbed and operational sites, providing a wider variety of data sets than could be recorded at the Radar Operations Center testbeds in Norman, OK. The Level 1 data sets are available to the public from NCEI via electronic download.

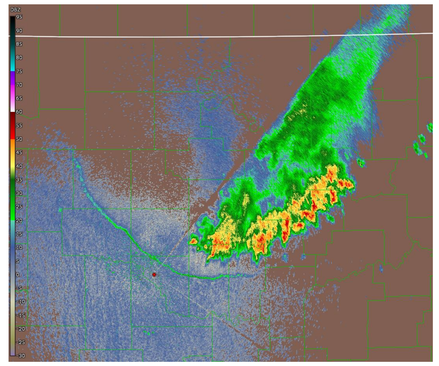
Data Retrieval Process

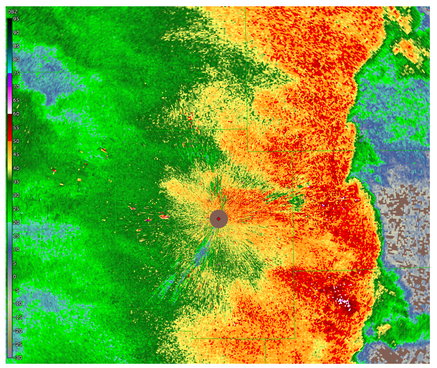


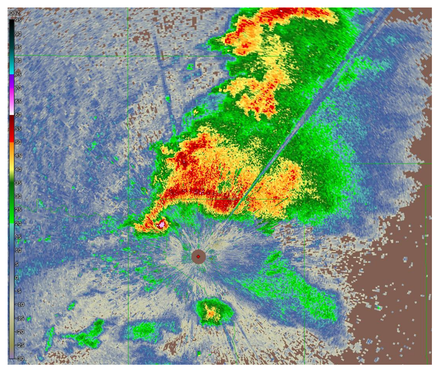
NCEI
NOAA Next Generation Radar (NEXRAD)
Level 1 Event Data

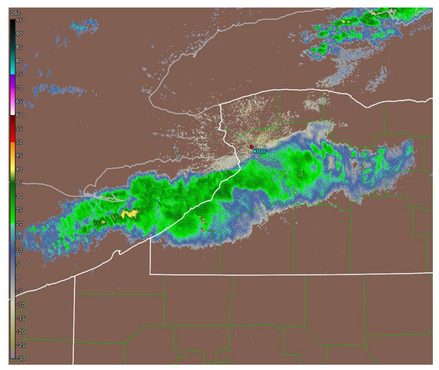
Examples of Available Data Sets

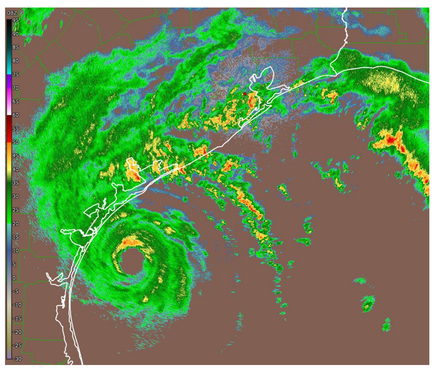

Hurricane Ian
KBYX 20220928 0108 UTC

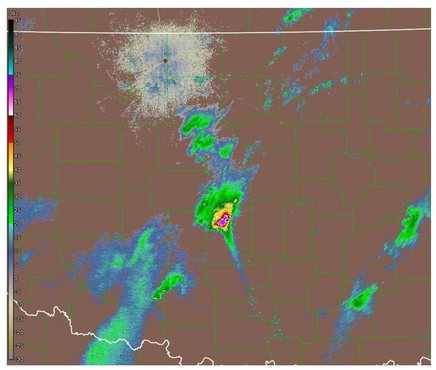

Gust Front and Thunderstorms
FOP1 20200702 1927 UTC

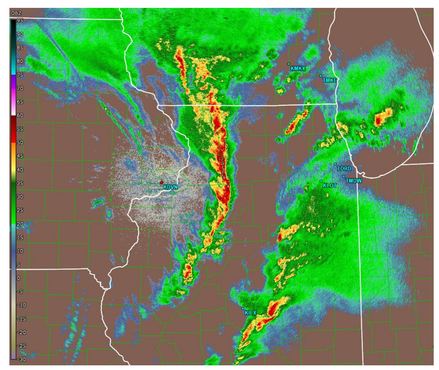

Wind Turbine Clutter
KILX 20230629 1745 UTC

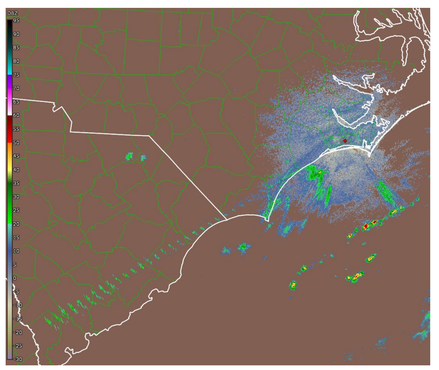

Moore, OK EF5 Tornado
NOP4 20130520 2008 UTC


Historic Lake Effect Snow
KBUF 20221118 1008 UTC


Hurricane Harvey
KHGX 20170825 2102 UTC


Hail Spike
KVNX 20210429 0155 UTC


Thunderstorms
KDVN 20230401 0001 UTC


Interference and Sea Clutter
KMHX 20110625 1742 UTC