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PNSWSH

Service Change Notice 13-65
National Weather Service Headquarters Washington DC
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To: Subscribers:
           -Family of Services
           -NOAA Weather Wire Service
           -Emergency Managers Weather Information Network
           -NOAAPort
           Other NWS Partners, Users and Employees

From: Eli Jacks
           Chief, Fire and Public Weather Services Branch

Subject: HYSPLIT Trajectories Request Function via NWS Spot Forecast
Request Webpages Becomes Operational: Effective October 29, 2013

Effective Tuesday, October 29, 2013, the Hybrid Single Particle Lagrangian
Integrated Trajectory (HYSPLIT) Trajectories Request function becomes
operationally available from all NWS Weather Forecast Offices (WFOs)
through their NWS Spot forecast request webpages. This functionality has
been available experimentally from all WFO Spot webpages since September
2011:

https://www.weather.gov/media/notification/pdfs/pns11hysplit_amendment.pdf

The NOAA Air Resources Laboratory (ARL) provides the HYSPLIT Trajectories.
The trajectory elements are based on the North American Mesoscale Model
(NAM) for the contiguous U.S. (CONUS) and the Global Forecast System (GFS)
model for Alaska and Hawaii. ARL is a research organization and does not
provide 24/7 monitoring and support of the servers. If you do not receive
HYSPLIT trajectories in a timely fashion via an NWS Spot webpage, contact
your local WFO to have HYSPLIT trajectories run manually.

The HYSPLIT Trajectories Request function allows partners and users to
request HYSPLIT trajectory runs at 500, 1,500 and 3,000 meters above
ground level for the latitude/longitude of the specified spot forecast
request. The trajectory runs begin at the request time for wildfires and
emergency responses, and at the specified ignition time for prescribed
fires.

To request HYSPLIT trajectories from WFO Spot forecast request webpages,
the authorized user must enter the phrase:

"hysplit to requester email address"

in the remarks section of the spot forecast request form. Then, substitute
your email address for "requester email address".

The HYSPLIT trajectory raw data, as well as .gif and .kml files, will be
sent to the specified email address.

Technical information about HYSPLIT model trajectories is online at:

http://ready.arl.noaa.gov/HYSPLIT_trajinfo.php

For more information regarding this service, please contact:

Virgil Middendorf
Information Technology Officer
NOAA/NWS Billings Weather Forecast Office
Billings, MT
406-652-0851, ext. 235
virgil.middendorf@noaa.gov

For more information regarding this notice, please contact:

Robyn Heffernan
Fire Weather Science and Dissemination Meteorologist
NOAA/NWS Office of Climate, Water and Weather Services
Boise, ID
208-387-5089
robyn.heffernan@noaa.gov

National Service Change Notices are online at:

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