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PNSWSH

Service Change Notice 13-65
National Weather Service Headquarters Washington DC
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To: Subscribers
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- NOAA Weather Wire Service
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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 (WFO) through their NWS Spot forecast request webpages. This functionality has been available experimentally from all WFO Spot webpages since September 2011:

www.nws.noaa.gov/os/notification/pns11hysplit_amendment.txt

The NOAA Air Resources Laboratory (ARL) provides the HYSPLIT Trajectories. The trajectory elements are based on the North American Mesoscale Model (NAM) for 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, 1500 and 3000 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:

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National Service Change Notices are online at:

<http://www.weather.gov/os/notif.htm>

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