

Comments the NWS Received During the Comment Period for:

PUBLIC INFORMATION STATEMENT... COMMENT REQUEST
1015 AM EST FRI FEB 12 2010

SUBJECT: SOLICITING COMMENTS BY MARCH 19 2010 ON PLANS TO
ADD DUAL POLARIZATION WSR-88D PRODUCTS TO SBN/NOAAPORT
AND RPCCDS: EFFECTIVE WITH WSR-88D DUAL POLARIZATION
/NOVEMBER 2010 BETA TEST/

COMMENT: All I can say is...BRING IT! I have just one caveat to this. Could you please make the base reflectivity products 1 degree by 250 meters just like the velocity products? Please...the end radar users are already disappointed that didn't happen with the upgrade that was scheduled for this past week (what will the activation date be rescheduled to?). Also, if you need to sacrifice something...don't throw out the baby with the bathwater and yank it all. Distribute the derived products, and leave the raw products for the Level2 feed.

INITIAL and FINAL RESPONSES: We will consider your 1 deg x 250 m reflectivity product comment for future planning. The WSR-88D does not generate a 1 deg x 250 m reflectivity product and there are no plans at this time to add this capability. However, starting in RPG Build 12.1 the reflectivity data at all elevation angles will be 1 deg x 250 m.

COMMENT: I don't have any comments about distributing Dual Pol products but could we ask for the plan for SuperRes products 153-155? We just saw the dialog from the 02/03 RACC regarding the phased-in (as the AWIPS WAN continues its migration to NOAA net thru April) addition of the 8-bit products 94 and 99 but no mention of the plan for SuperRes products.

INITIAL and FINAL RESPONSES: We will consider your comment for future planning. At this time, there are no plans nor a validated NWS requirement for collection and distribution of Super Resolution products.

COMMENTS:

1) Are the base DP moments (ZDR and RHO) and KDP of interest to the Level III class of user? These are highly technical products that require a significant amount of interpretation by the user. I imagine most Level III users would prefer to look at the HCA and rainfall products since they require far less technical skill to use effectively. Eliminating these large graphical products from the L3 feed would save significant bandwidth.

RESPONSE: The proposed Dual Pol products for central collection are based on NWS operational requirements. We are pleased to be able to share these products with all users of the Central Server and SBN.

2) I like the proposed fixed-time scale rainfall and instantaneous rainfall rate products. The fixed-time scale products make it much easier to create national rainfall composites.

RESPONSE: Thank you for the feed back.

Additional comments, not related to this proposed plan:

a) I'd like to see the Storm Motion Vector included in the new high-res Base Velocity L3 products. There's plenty of room in the L3 file header for this information and it would make converting BV into Storm Relative Velocity simple.

RESPONSE: Thank you for your feedback. We will consider your comment for future planning.

b) I'd like to see the NEXRAD algorithm products (SSI, STI, HI, TVS) distributed over NOAAPORT. Right now only NMD is distributed that way while the others are only available on the public NWS server.

RESPONSE: Thank you for your feedback. We will consider your comment for future planning

COMMENT: I am working on a longer e-mail per the comments on the plans to add dual polarization WSR-88D to SBN/NOAAPORT, but I thought I would ask if there were any program milestones set for the completion of the changes to the Interface Control Document (ICD) for this new data?

The ICDs are at: <http://www.roc.noaa.gov/WSR88D/DualPol/Default.aspx>? If these documents don't fulfill your needs please let us know.

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