

	Wish	Requestor	Status
1	Improve the speed/timeliness of bringing AIRNow data into FX-Net		
2	Add Eta12/CMAQ model output		
3	Explore contouring AIRNow ozone and PM _{2.5} data in FX-Net		
4	Update the core text product configuration files in FX-Net. Current core text product configuration files are outdated on all deployed FX-Net clients due to predetermined and expected changes by the National Datasets Maintenance (NDM) site.		
5	Forecasters would find the air quality data more useful if it could display observed daily maximum 8-hour ozone concentrations and 24-hour PM2.5 values rather than just hourly values	John Kent - NY	
6	Include new/additional Automated Surface Observing Systems (ASOS) sites in the METAR observations display in FX-Net.	Bryan Lambdeth - TX	
7	Ensure all AIRNow sites are reported in FX-Net. This work will include updating the "station location file" and ensuring all observation file data is imported into FX-Net	Jebb Stewart (FSL), Alan Chan (STI)	
8	EPA, FSL, MARAMA, or another agency should host a FX-Net e-mail discussion list, for announcements, bug reports, tips, questions and answers, etc.	Winston Hao - NY	
9	Add key NOAA products/images to FX-Net.	Matt Seybold - MD	
10	Include derived parameters critical to air quality forecasting (ventilation indices, mixing height estimates, etc.) Explore activating the "Product Maker" function in AWIPS to calculate ventilation indices.	Bill Ryan - PSU	
11	Add HYSPLIT model output/capability to FX-Net.	Sean Nolan - PA	
12	Color the FX-Net base map	Matt Seybold - MD	
13	Extend the coverage of forecast model output provided in FX-Net	Dan Salkovitz - VA	
14	Include vertical wind profiles from National Weather Service (NWS) NEXRAD sites. See the attached profile (screen shots Figure 2) from the NWS Wakefield site. These plots are similar to wind profiler plots but with less resolution	Dan Salkovitz - VA	
15	Incorporate the National Weather Service's National Digital Forecast Database (NDFD) into FX-Net.	Nick Witcraft - NC	
16	Provide users with customized map projections in addition to the existing projections	Nick Witcraft - NC	
17	When a user displays a RAOB, on the lower-right hand part of the screen, the text showing the severe weather parameters is cut off at the right-hand margin so the user is not able to read all of the information shown.	John Kent - NY	
18	On the dropdown list of profiler sites, Concord NH is misspelled	John Kent - NY	

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19	Provide higher resolution and more time-resolved meteorological model output in FX-Net. Specifically, provide Eta and/or Global Forecast System (GFS) model out put at 95 km resolution in three-hour time increments as available from NOAA's National Centers for Environmental Prediction (NCEP	Bryan Lambeth - TX	
20	I would also like to see data plots on white map background in order to hand analyze maps	Bob Gaza - NY	
21	Add "time matching" tips to the help menu to help users to synchronize in time data from different data sources.		
22	Provide access to archived data and images. Determine what data and/or images should be archived, what hardware would be required, and what archiving key data would cost.		
23	Add a "find text" or "search" feature to the FX-Net text browser allowing a user to locate a text string in FX-Net products. For example, if a user downloads a text list of buoy wind reports, it would be nice to be able to search for a specific buoy identifier string such as "44014".	Dan Salkovitz - VA	
24	When you click on the "?" to identify the last category listed in the text browser, the highlighted category is not identified. The attached (see "screen shots" tab, Figure 1) screen capture shows that the last category listed, "WOU", is not listed in the column on the right		
25	The text product browser should use a fixed-width font. With the current variable-width font, some of the products are very difficult to read (such as MOS output).	John Kent - NY	
26	I would like to see FX-Net to have the ability to run on 800X600 pixels	Bob Gaza - NY	
27	Provide access to the ECMWF model	Dan Salkovitz - VA	
28	Add a section on "FX-Net Installation" to FX-Net users manual website and include steps users must follow if they use a http proxy. It would be easier for users if FX-Net allowed users to enter name and port of proxy server from preferences, like Netscape and MS Internet Explorer.	Winston Hao - NY	
29	The search box in the FX-Net Users Manual returns a lot of information not related to FX-Net. It would be nice if more relevant/accurate answers/information were provided. For example, search for the subject: "proxy."	Winston Hao - NY	
30	The Aviation model wind plot 1n FX-Net showed much higher wind speeds than similar Aviation and GFS wind plots obtained from NOAA ARL and NCEP for model run (12/3/2004 12z) and forecast time (12/6/2004 00z).	Bryan Lambeth - TX	
31	Provide rolling 8-hour average ozone and rolling 24-hour average PM2.5 data at each monitoring site reporting to AIRNow.	George Bridgers, NC	
32	In the Air Quality Obs display, plot all ozone and PM2.5 monitoring sites reporting to AIRNow even if there is no data to display	George Bridgers, NC	
33	Provide station ids/identifiers for all air quality monitoring sites reporting to AIRNow in the Air Quality Obs display.	Bill Gillespie, MARAMA	
34	Allow users to change a contour line to a dashed line as well as change the line's color, density, and thickness.	Ron Wells, TX	

Priority	Feasibility	Description of Feasibility	Goal for completion
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