Data Management and Analysis Subcommittee (DMAS) Meeting
NADP Interim Meeting, April 3-4, 2000

1. Site Classification Scheme

    a. Luther Smith led a discussion of the progress made by the Site
        Classification ad hoc committee. Goals are to create a classification
        scheme that is broadly applicable and easily understood. The proposed
        scheme has four basic levels:
        U   Urban
        R   Rural
        S   Suburban
        I   Isolated

        Refining information is provided by:
            Population ranking
            Road ranking
            Industrial sources (SOx, NOx)
            Physiography

        Bowersox suggested that GIS grids of the refining information be developed,
        allowing deciles to be developed using a larger area than the 300 NADP site.

        It was suggested that the site classification information be updated every 10
        years.

    b. **MOTION:** Bowersox moved that the ad hoc committee develop a limited
        number of test cases. For each test case, the committee will produce
        supporting information and maps for presentation at the fall meeting.
            1. Motion passed.

2. Identication of Concentration and Deposition data as the element or the ion

    a. Gary Stensland suggested that we need to better specify weather
        concentrations units are given as weights of the ions or as the element. He
        reported that he has seen NADP incorrectly used at national meetings
        because of this.

    b. **MOTION**: Program office should change the isopleth maps and the web
        retrieval column headings to explicitly show ion or elemental units.
        Motion passed.

3. Trends on the Web

    a. Bob Larson gave a brief report on the status of the Trends on the Web effort. The project is completed and was about to made available to the public.

    b. Larson also reported on the development of Hysplit trajectories on the NADP web site. The initial effort will be associated with AIRMoN samples. Development of a similar interface for MDN and NTN will be undertaken at a later date.

    c. Bob Brunette showed possible plots of MDN data that could be used on the web. Since MDN has a shorter period of record and only regional coverage, the spatial and temporal trend plots developed for the other networks may not be the most appropriate. Brunette showed examples of moving average plots of weekly MDN samples at the ON03 site.

    d. **MOTION:** The DMAS chair will contact the program coordinator to encourage the Program Office to develop interactive graphical displays on the web for AIRMoN and MDN.
        1. Motion passed.

4. Brunette reported that Frontier Geosciences is working on a proposal to develop a trace metals network. Brunette will present the proposal to the Executive Committee at their meeting in June.

5. ODBC Access

    a. Mark Nilles led a discsussion regarding the possibility of ODBC (Open DataBase Connection) access to the NADP web site. Larson reported that security risks should not be problem and that performance impacts will have to be monitored. Database views will have to be created and documentation developed.
    b. **MOTION:** Program Office will develop live database access over the Internet using ODBC. Access should be developed within the next year.
        1. Motion passed.