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#### [Atmospheric pressure \(surface\)](#)

**Author(s):** Daniels, G. E.

**Abstract:** The total variation of pressure from day to day is relatively small. Rapid but slightly greater variations occur as the result of the passage of frontal systems, while the passage of a hurricane can cause somewhat larger, ...

**NASA Center:** Marshall Space Flight Center

**Publication Year:** 1973

Added to NTRS: 2006-08-02

Accession Number: 74N16299; Document ID: 19740008186

#### [Introduction](#)

**Author(s):** Daniels, G. E.; Vaughan, W. W.

**Abstract:** Probable climatic extremes of terrestrial environment data specifically applicable for NASA space vehicles and associated equipment development are considered. Design guideline values are established for the following ...

**NASA Center:** Marshall Space Flight Center

**Publication Year:** 1973

Added to NTRS: 2006-08-02

Accession Number: 74N16293; Document ID: 19740008180

#### [Multidisciplinary studies of the social, economic and political impact resulting from recent advances in satellite meteorology, Volume 5](#)

**Abstract:** Studies are presented on mesoscale weather monitoring, analysis, and dissemination of weather forecasts for the Wisconsin area.

**NASA Center:** NASA (non Center Specific)

**Publication Year:** 1973

Added to NTRS: 2008-06-27

Accession Number: 74N22267; Document ID: 19740014154; Report Number: NASA-CR-138155

#### [Broadcast media and the dissemination of weather information](#)

**Author(s):** Byrnes, J.

**Abstract:** Although television is the public's most preferred source of weather information, it fails to provide weather reports to those groups who seek the information early in the day and during the day. The result is that many ...

**NASA Center:** NASA (non Center Specific)

**Publication Year:** 1973

Added to NTRS: 2004-11-03

Accession Number: 74N22269; Document ID: 19740014156

#### [A theory of microwave apparent temperature over the ocean](#)

**Author(s):** Wu, S. T.; Fung, A. K.

**Abstract:** In the microwave region combined active (scatterometer) and passive (radiometer) remote sensors over the ocean show promise of providing surface wind speeds and weather information to the oceanographer and meteorologist. ...

**NASA Center:** NASA (non Center Specific)

**Publication Year:** 1973

Added to NTRS: 2004-11-03

Accession Number: 74N14270; Document ID: 19740006157; Report Number: NASA-CR-2329, TR-186-7

#### Weather dissemination and public usage

**Author(s):** Stacey, M. S.

**Abstract:** The existing public usage of weather information was examined. A survey was conducted to substantiate the general public's needs for dissemination of current (0-12 hours) weather information, needs which, in a previous ...

**NASA Center:** NASA (non Center Specific)

**Publication Year:** 1973

Added to NTRS: 2004-11-03

Accession Number: 74N22270; Document ID: 19740014157

#### Severe weather study

**Author(s):** Mills, C. J.

**Abstract:** Current methods of severe weather information dissemination and the impact of this information on the general public are studied. The study is based on the responses of the general public and the local broadcasters to a ...

**NASA Center:** NASA (non Center Specific)

**Publication Year:** 1973

Added to NTRS: 2004-11-03

Accession Number: 74N22273; Document ID: 19740014160

#### Environment hazard estimates

**Author(s):** Kaufman, J. W.; Stephens, J. B.; Hill, C. K.; Susko, M.

**Abstract:** Emission into the atmosphere of aerospace vehicle exhaust effluents and by-products is considered by using atmospheric diffusion models to calculate downwind concentrations and dosages from various engine and solid rocket ...

**NASA Center:** Marshall Space Flight Center

**Publication Year:** 1973

Added to NTRS: 2006-08-02

Accession Number: 74N16311; Document ID: 19740008198

#### Atmospheric density (surface)

**Author(s):** Daniels, G. E.; Brown, S. C.

**Abstract:** The variation of the density of the atmosphere at the surface from the average for any one station, and between the areas of interest, is small and should have no important effect on preflight spacecraft operations. The ...

**NASA Center:** Marshall Space Flight Center

**Publication Year:** 1973

Added to NTRS: 2006-08-02

Accession Number: 74N16300; Document ID: 19740008187

#### Atmospheric corrosion

**Author(s):** Daniels, G. E.

**Abstract:** The atmosphere near the ocean causes corrosion of exposed metals. Wind moving over breaking sea waves will pick up small droplets of salt water. These droplets are small enough to remain suspended in the air. Some will ...

**NASA Center:** Marshall Space Flight Center

**Publication Year:** 1973

Added to NTRS: 2004-11-03

Accession Number: 74N16302; Document ID: 19740008189

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