Road Weather Information Stations

**Keywords**  
About: Road, Weather, Street, Temperature, Seattle, Transportation

**Abstract**

This data is derived from sensor stations placed on bridges and surface streets within city limits. Each station has a temperature sensor that measures the temperature of the street surface and a sensor that measures the ambient air temperature at the station each second. Those values are averaged into temperature readings that are recorded by the station every minute. The dataset is updated every fifteen minutes with new data.

**Purpose**

This dataset has been published by the Department of Transportation of the City of Seattle and **data.seattle.gov**. The mission of **data.seattle.gov** is to provide timely and accurate City information to increase government transparency and access to useful and well organized data by the general public, non-governmental organizations, and City of Seattle Employees

**Access constraints**

The data is publicly available and accessible.

**Use constraints**

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**Point of contact**

**Departmental first line point of contact**

Seattle Department of Transportation

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Seattle, WA 98124-4996

Business Hours: 8 a.m. to 5 p.m.

**Business Owner**

Elizabeth (Liz) Sheldon

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Business Hours: 8 a.m. to 5 p.m.

This is usually the departmental PIO or delegate and serves as triage for incoming questions. The business owner/technical owner would be second point of contact for a specific dataset.

Information should contain:

*Department*

*Name*

*Business phone*

*Mailing address*

*Fax number*

*Business hours*

**Credits**

City of Seattle Office of the Chief Technology Officer (OCTO), data.seattle.gov staff

**Distribution**

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**Distributed by**

**data.seattle.gov**

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**Entity**

Road Weather Information Stations

**Attributes**

Provide a complete list of all columns in the dataset, the datatype for each column, and a description in plain English of what the column values represent.

|  |  |  |
| --- | --- | --- |
| **Column** | **Datatype** | **Description** |
| StationName | Text | Name of the station including location description |
| StationLocation | Location | Latitude and longitude of the station |
| DateTime | Date & Time | The date and time of the temperature readings |
| RecordId | Number | System unique identifier |
| RoadSurfaceTemperature | Number | Temperature of the road surface in degrees Fahrenheit |
| AirTemperature | Number | Ambient air temperature at the station in degrees Fahrenheit |

**Provided by**  
Metadata provided by Amy Hughes/Seattle Department of Transportation