Database Code: MS005

Title: Air and soil temperature data from the Reference Stand network at the Andrews Experimental Forest, 1971 to present

Abstract:

The current network of temperature measurement sites are designed to represent spatial variability of air and soil temperature in rugged mountain topography, and serve as second-level stations to capture specific microclimate temperatures in conjunction with a network of Benchmark Meteorological Stations (MS001). The air and soil thermograph network has been reduced from the historical network of 37 sites originally established. Currently there are 10 measurement sites with two of these sites measuring relative humidity in addition to air and soil temperature. An original network of 19 sites (RS01-RS19) were established during the International Biome Program in the early 1970's. Emphasis on phenology, plant moisture stress, and leaf nutrient content led to extending this network of air and soil temperature measurement. A plant community classification system (Dyrness et al., 1971) was used as a primary means of stratification, and a set of permanent vegetation plots (Reference Stands) was installed to represent forest communities with distinct vegetation and hypothesized different environments (Dyrness et al., 1974). A thermograph network was installed within the reference stands in the early 1970's (Zobel et al., 1974), and vegetation standing crop, tree growth and mortality, and plant succession were also measured. The majority of these sites were established to monitor micro-meteorological data under the canopy. The purpose of this network was to provide air and soil temperature data for modeling photosynthesis, respiration, phenology, and decomposition, and to measure environmental gradients.

Keywords: Air temperature;Climate data;Climate/Meteorology;Ecosystem monitoring;Environmental indexes and variables;Meteorology;Microclimate;Moisture stress;Reference stands;Soil temperature;Succession;Temperature growth index;Dew point temperature;Disturbance;Organic matter;Primary production;meteorology;climatology;dew point;microclimate;water content;temperature;air temperature;soil temperature;environmental indexes;reference stands;succession;primary production;growth;disturbance;monitoring;ecosystems;moisture stress;

Date data commenced:1971-03-17

Date data terminated:2019-10-01

Principal Investigator: Christopher Daly

List of Entities:

1. Air temperature (Daily)

2. Relative Humidity (Daily)

11. Air temperature (Finest resolution, e.g., hourly, 5 minute)

12. Relative Humidity (Finest resolution, e.g., hourly, 5 minute)

21. Soil temperature (Daily)

31. Soil temperature (Finest resolution, e.g., 6-hourly, 5 minute)

40. Legacy data: Temperature growth index, plant stress, and dew point temperature

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1. Air temperature (Daily)

Attribute List:

DBCODE	N	N	char(5)	enum			
ENTITY	N	N	numeric(2,0)	range	1.0000	1.0000	number
SITECODE	N	N	char(6)	place			
AIRTEMP_METHOD	N	N	char(6)	enum			
HEIGHT	N	N	numeric(4,0)	range	60.0000	500.0000	cm
QC_LEVEL	N	N	char(2)	enum			
PROBE_CODE	Y	N	char(8)	enum			
DATE	Y	N	datetime	range	4/13/1970 12:00:00 AM	9/30/2019 12:00:00 AM	YYYY-MM-DD
AIRTEMP_MEAN_DAY	Y	Y	numeric(5,1)	range	-23.5000	32.6000	deg

							c
AIRTEMP_MEAN_FLAG	N	N	char(1)	enum			
AIRTEMP_MAX_DAY	Y	Y	numeric(5,1)	range	-20.5000	42.9000	deg c
AIRTEMP_MAX_FLAG	N	N	char(1)	enum			
AIRTEMP_MAXTIME	N	Y	char(4)	freetext			
AIRTEMP_MIN_DAY	Y	Y	numeric(5,1)	range	-25.1000	27.2000	deg c
AIRTEMP_MIN_FLAG	N	N	char(1)	enum			
AIRTEMP_MINTIME	N	Y	char(4)	freetext			
EVENT_CODE	N	N	char(6)	enum			

2. Relative Humidity (Daily)

Sensors discontinued Oct 24 2017

Attribute List:

DBCODE	N	N	char(5)	enum			
ENTITY	N	N	numeric(2,0)	range	2.0000	2.0000	number
SITECODE	N	N	char(6)	place			
RELHUM_METHOD	N	N	char(6)	enum			
HEIGHT	N	N	numeric(4,0)	range	85.0000	435.0000	cm
QC_LEVEL	N	N	char(2)	enum			
PROBE_CODE	Y	N	char(8)	enum			
DATE	Y	N	datetime	range	7/19/2004 12:00:00 AM	10/24/2017 12:00:00 AM	YYYY-MM-DD
RELHUM_MEAN_DAY	Y	Y	numeric(5,1)	range	22.9000	100.0000	%
RELHUM_MEAN_FLAG	N	N	char(1)	enum			
RELHUM_MAX_DAY	N	Y	numeric(5,1)	range	38.4000	100.0000	%
RELHUM_MAX_FLAG	N	N	char(1)	enum			
RELHUM_MAXTIME	N	Y	char(4)	freetext			HHMM
RELHUM_MIN_DAY	N	Y	numeric(5,1)	range	5.0000	100.0000	%
RELHUM_MIN_FLAG	N	N	char(1)	enum			
RELHUM_MINTIME	N	Y	char(4)	freetext			
EVENT_CODE	N	N	char(6)	enum			

11. Air temperature (Finest resolution, e.g., hourly, 5 minute)

Data is provided through an interactive application (GLITCH)

Attribute List:

DBCODE	N	N	char(5)	enum			
ENTITY	N	N	numeric(2,0)	range	11.0000	11.0000	number
SITECODE	N	N	char(6)	place			

AIRTEMP_METHOD	N	N	char(6)	enum			
HEIGHT	N	N	numeric(4,0)	range	60.0000	500.0000	cm
QC_LEVEL	N	N	char(2)	enum			
PROBE_CODE	Y	N	char(8)	enum			
DATE_TIME	Y	N	datetime	range	3/13/1998 10:00:00 AM	10/1/2019 12:00:00 AM	YYYY-MM-DD hh:mm:ss
AIRTEMP_MEAN	N	Y	numeric(5,1)	range	-20.1000	42.9000	deg c
AIRTEMP_MEAN_FLAG	N	N	char(1)	enum			
EVENT_CODE	N	N	char(6)	enum			

12. Relative Humidity (Finest resolution, e.g., hourly, 5 minute)

Data is provided through an interactive application (GLITCH). Sensors discontinued Oct 24 2017.

Attribute List:

DBCODE	N	N	char(5)	enum			
ENTITY	N	N	numeric(2,0)	range	12.0000	12.0000	number
SITECODE	N	N	char(6)	place			
RELHUM_METHOD	N	N	char(6)	enum			
HEIGHT	N	N	numeric(4,0)	range	235.0000	285.0000	cm
QC_LEVEL	N	N	char(2)	enum			
PROBE_CODE	Y	N	char(8)	enum			
DATE_TIME	Y	N	datetime	range	7/19/2004 12:00:00 AM	10/24/2017 12:00:00 PM	YYYY-MM-DD hh:mm:ss
RELHUM_MEAN	N	Y	numeric(5,1)	range	1.0000	100.0000	%
RELHUM_MEAN_FLAG	N	N	char(1)	enum			
EVENT_CODE	N	N	char(6)	enum			

21. Soil temperature (Daily)

Attribute List:

DBCODE	N	N	char(5)	enum			
ENTITY	N	N	numeric(2,0)	range	21.0000	21.0000	number
SITECODE	N	N	char(6)	place			
SOILTEMP_METHOD	N	N	char(6)	enum			
DEPTH	N	N	numeric(4,0)	range	10.0000	100.0000	cm
QC_LEVEL	N	N	char(2)	enum			
PROBE_CODE	Y	N	char(8)	enum			
DATE	Y	N	datetime	range	4/13/1970 12:00:00 AM	9/30/2019 12:00:00 AM	YYYY-MM-DD
SOILTEMP_MEAN_DAY	N	Y	numeric(5,1)	range	-2.5000	24.4000	deg c

SOILTEMP_MEAN_FLAG	N	N	char(1)	enum			
SOILTEMP_MAX_DAY	Y	Y	numeric(5,1)	range	-2.5000	34.9000	deg c
SOILTEMP_MAX_FLAG	N	N	char(1)	enum			
SOILTEMP_MAXTIME	Y	Y	char(4)	freetext			
SOILTEMP_MIN_DAY	Y	Y	numeric(5,1)	range	-2.7000	22.7000	deg c
SOILTEMP_MIN_FLAG	N	N	char(1)	enum			
SOILTEMP_MINTIME	Y	Y	char(4)	freetext			
EVENT_CODE	N	N	char(6)	enum			

31. Soil temperature (Finest resolution, e.g., 6-hourly, 5 minute)

Data is provided through an interactive application (GLITCH)

Attribute List:

DBCODE	N	N	char(5)	enum			
ENTITY	N	N	numeric(2,0)	range	31.0000	31.0000	number
SITECODE	N	N	char(6)	place			
SOILTEMP_METHOD	N	N	char(6)	enum			
DEPTH	N	N	numeric(4,0)	range	10.0000	30.0000	cm
QC_LEVEL	N	N	char(2)	enum			
PROBE_CODE	Y	N	char(8)	enum			
DATE_TIME	Y	N	datetime	range	3/13/1998 12:00:00 PM	10/1/2019 12:00:00 AM	YYYY-MM-DD hh:mm:ss
SOILTEMP_MEAN	N	Y	numeric(5,1)	range	-1.0000	30.2000	deg c
SOILTEMP_MEAN_FLAG	N	N	char(1)	enum			
EVENT_CODE	N	N	char(6)	enum			

40. Legacy data: Temperature growth index, plant stress, and dew point temperature

Plant stress and dew point temperature only collected 1973-1976.

Attribute List:

DBCODE	N	N	char(5)	enum			
ENTITY	N	N	numeric(2,0)	range	40.0000	40.0000	number
SITECODE	Y	N	char(6)	place			
EXPOSURE	N	N	char(1)	enum			
DATE	Y	N	datetime	range	4/13/1970 12:00:00 AM	10/6/1992 12:00:00 AM	YYYY-MM-DD
TGI	N	Y	numeric(2,0)	range	0.0000	10.0000	number
TGI_FLAG	N	Y	char(1)	enum			
PLANTSTRES	N	Y	numeric(4,1)	range	2.7000	25.7000	atm
PS_FLAG	N	Y	char(1)	enum			

MEANDEWDAY	N	Y	numeric(5,1)	range	-9.0000	21.0000	number
FD1	N	Y	char(1)	enum			
MEANDEWNIT	N	Y	numeric(5,1)	range	-9.0000	17.5000	number
FD2	N	Y	char(1)	enum			
MAXDEW	N	Y	numeric(5,1)	range	-8.0000	21.0000	number
FD3	N	Y	char(1)	enum			
MINDEW	N	Y	numeric(5,1)	range	-10.0000	16.0000	number
FD4	N	Y	char(1)	enum			

Attributes Definitions:

AIRTEMP_MAX_DAY

Maximum air temperature for the day

AIRTEMP_MAX_FLAG

Maximum air temperature flag

AIRTEMP_MAXTIME

Time of day (HHMM) in Pacific Standard Time (PST) of maximum air temperature

AIRTEMP_MEAN

Mean air temperature over the last interval (e.g., 5 minutes)

AIRTEMP_MEAN_DAY

Mean air temperature for the day

AIRTEMP_MEAN_FLAG

Mean air temperature flag

AIRTEMP_METHOD

An indication of the the general methodology and instrumentation used to collect this air temperature data

AIRTEMP_MIN_DAY

Minimum air temperature for the day

AIRTEMP_MIN_FLAG

Minimum air temperature flag

AIRTEMP_MINTIME

Time of day (HHMM) in Pacific Standard Time (PST) of minimum air temperature

DATE

Date of measurement

DATE_TIME

Date and time (PST) of probe reading

DBCODE

FSDB database code

DEPTH

Depth of sensor from ground surface

ENTITY

Entity number

EVENT_CODE

Type of comment that exists independently for any event, disruption in protocol, or unusual conditions that occur at the given date or time and may have an effect on the data values

EXPOSURE

Instrument exposure (open or closed canopy)

FD1

Mean daytime dew point temperature flag

FD2

Mean nighttime dew point temperature flag

FD3

Maximum dew point temperature flag

FD4

Minimum dew point temperature flag

HEIGHT

Height of sensor from ground surface

MAXDEW

Daily maximum dew point temperature

MEANDEWDAY

Mean daytime dew point temperature

MEANDEWNIT

Mean nighttime dew point temperature

MINDEW

Daily minimum dew point temperature

PLANTSTRES

Plant moisture stress (measured until 1976)

PROBE_CODE

Probe number code indicates the measurement type, site, and sensor number (e.g., AIRRS201)

PS_FLAG

Plant moisture stress flag

QC_LEVEL

Quality control flag indicates level of quality checking performed including an indication of "provisional" data

RELHUM_MAX_DAY

Maximum relative humidity for the day

RELHUM_MAX_FLAG

Maximum relative humidity flag

RELHUM_MAXTIME

Time of day (HHMM) in Pacific Standard Time (PST) of maximum relative humidity

RELHUM_MEAN

Mean relative humidity over the last interval (e.g., 5 minutes)

RELHUM_MEAN_DAY

Mean relative humidity for the day

RELHUM_MEAN_FLAG

Mean relative humidity flag

RELHUM_METHOD

An indication of the the general methodology and instrumentation used to collect this relative humidity data

RELHUM_MIN_DAY

Minimum relative humidity for the day

RELHUM_MIN_FLAG

Minimum relative humidity flag

RELHUM_MINTIME

Time of day (HHMM) in Pacific Standard Time (PST) of minimum relative humidity

SITECODE

Site code for the meteorological measurement station

SOILTEMP_MAX_DAY

Maximum soil temperature for the day

SOILTEMP_MAX_FLAG

Maximum soil temperature flag

SOILTEMP_MAXTIME

Time of day (HHMM) in Pacific Standard Time (PST) of maximum soil temperature

SOILTEMP_MEAN

Mean soil temperature over the past interval (e.g., 5 minutes)

SOILTEMP_MEAN_DAY

Mean soil temperature for the day

SOILTEMP_MEAN_FLAG

Mean soil temperature flag

SOILTEMP_METHOD

An indication of the the general methodology and instrumentation used to collect this soil temperature data

SOILTEMP_MIN_DAY

Minimum soil temperature for the day

SOILTEMP_MIN_FLAG

Minimum soil temperature flag

SOILTEMP_MINTIME

Time of day (HHMM) in Pacific Standard Time (PST) of minimum soil temperature

TGI

Temperature-growth index (number from 0-10, from table, computed from daytim e mean air and soil (20cm) temperatures. ten indicates perfect conditions.)

TGI_FLAG

Temperature-growth index flag

Enumerated Domains:

Enumerated Domain for Attribute: AIRTEMP_MEAN_FLAG

B	Sensor buried in snow; value represents snow temperature
E	Estimated value
M	Missing value
Q	Questionable value
S	Daily value based on sunrise to sunrise (not midnight to midnight)
A	Accepted value has passed all QC tests applied as represented by the quality level

Enumerated Domain for Attribute: AIRTEMP_MAX_FLAG

B	Sensor buried in snow; value represents snow temperature
E	Estimated value
M	Missing value
Q	Questionable value
S	Daily value based on sunrise to sunrise (not midnight to midnight)
A	Accepted value has passed all QC tests applied as represented by the quality level
H	Daily value based on the maximum hourly mean value (Check airtemp_method code)

Enumerated Domain for Attribute: AIRTEMP_MIN_FLAG

B	Sensor buried in snow; value represents snow temperature
E	Estimated value
M	Missing value
Q	Questionable value
S	Daily value based on sunrise to sunrise (not midnight to midnight)
A	Accepted value has passed all QC tests applied as represented by the quality level
H	Daily value based on the minimum hourly mean value (Check airtemp_method code)

Enumerated Domain for Attribute: PROBE_CODE

AIRO1301	Air temperature at RS13O_, probe no. 01 at height 435 cm, discontinued 2003
AIRR0101	Air temperature at RS01__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0201	Air temperature at RS02__, probe no. 01 at height 225 cm, discontinued 2015
AIRR0301	Air temperature at RS03__, probe no. 01 at height 235 cm, discontinued 1995

AIRR0401	Air temperature at RS04__, probe no. 01 at height 325 cm, discontinued 2015
AIRR0501	Air temperature at RS05__, probe no. 01 at height 200 cm, discontinued 2017
AIRR0601	Air temperature at RS06__, probe no. 01 at height 100 cm, discontinued 1975
AIRR0701	Air temperature at RS07__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0801	Air temperature at RS08__, probe no. 01 at height 100 cm, discontinued 1973
AIRR0901	Air temperature at RS09__, probe no. 01 at height 100 cm, discontinued 1975
AIRR1001	Air temperature at RS10__, probe no. 01 at height 200 cm, discontinued 2017
AIRR1101	Air temperature at RS11__, probe no. 01 at height 100 cm, discontinued 1977
AIRR1201	Air temperature at RS12__, probe no. 01 at height 190 cm, discontinued 2015
AIRR1301	Air temperature at RS13__, probe no. 01 at height 275 cm, discontinued 2003
AIRR1401	Air temperature at RS14__, probe no. 01 at height 285 cm, discontinued 2003
AIRR1501	Air temperature at RS15__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1601	Air temperature at RS16__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1701	Air temperature at RS17__, probe no. 01 at height 60 cm, discontinued 1995
AIRR1801	Air temperature at RS18__, probe no. 01 at height 100 cm, discontinued 1974
AIRR1901	Air temperature at RS19__, probe no. 01 at height 100 cm, discontinued 1973
AIRR2001	Air temperature at RS20__, probe no. 01 at height 220 cm, discontinued 2015
AIRR2401	Air temperature at RS24__, probe no. 01 at height 220 cm, discontinued 2004
AIRR2601	Air temperature at RS26__, probe no. 01 at height 200 cm, discontinued 2015
AIRR8601	Air temperature at RS86__, probe no. 01 at height 235 cm, discontinued 2017
AIRR8901	Air temperature at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRT3101	Air temperature at TS31__, probe no. 01 at height 100 cm, discontinued 1976
AIRT3201	Air temperature at TS32__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3301	Air temperature at TS33__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3401	Air temperature at TS34__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3501	Air temperature at TS35__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3601	Air temperature at TS36__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3701	Air temperature at TS37__, probe no. 01 at height 100 cm, discontinued 1976
AIRR3801	Air temperature at RS38__, probe no. 01 at height 100 cm, discontinued 2017
AIRT7401	Air temperature at TS74__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7501	Air temperature at TS75__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7601	Air temperature at TS76__, probe no. 01 at height 100 cm, discontinued 1975
AIRT7701	Air temperature at TS77__, probe no. 01 at height 100 cm, discontinued 1975
SOIO1302	Soil temperature at RS13O_, probe no. 02 at depth 20 cm, discontinued 2003

SOIR0102	Soil temperature at RS01__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0201	Soil temperature at RS02__, probe no. 01 at depth 10 cm
SOIR0202	Soil temperature at RS02__, probe no. 02 at depth 20 cm
SOIR0203	Soil temperature at RS02__, probe no. 03 at depth 30 cm
SOIR0302	Soil temperature at RS03__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0401	Soil temperature at RS04__, probe no. 01 at depth 10 cm
SOIR0402	Soil temperature at RS04__, probe no. 02 at depth 20 cm
SOIR0403	Soil temperature at RS04__, probe no. 03 at depth 30 cm
SOIR0501	Soil temperature at RS05__, probe no. 01 at depth 10 cm
SOIR0502	Soil temperature at RS05__, probe no. 02 at depth 20 cm
SOIR0503	Soil temperature at RS05__, probe no. 03 at depth 30 cm
SOIR0602	Soil temperature at RS06__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR0702	Soil temperature at RS07__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0802	Soil temperature at RS08__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR0902	Soil temperature at RS09__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR1001	Soil temperature at RS10__, probe no. 01 at depth 10 cm
SOIR1002	Soil temperature at RS10__, probe no. 02 at depth 20 cm
SOIR1003	Soil temperature at RS10__, probe no. 03 at depth 30 cm
SOIR1102	Soil temperature at RS11__, probe no. 02 at depth 20 cm, discontinued 1977
SOIR1201	Soil temperature at RS12__, probe no. 01 at depth 10 cm
SOIR1202	Soil temperature at RS12__, probe no. 02 at depth 20 cm
SOIR1203	Soil temperature at RS12__, probe no. 03 at depth 30 cm
SOIR1302	Soil temperature at RS13__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1401	Soil temperature at RS14__, probe no. 01 at depth 10 cm, discontinued 2003
SOIR1402	Soil temperature at RS14__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1403	Soil temperature at RS14__, probe no. 03 at depth 30 cm, discontinued 2003
SOIR1502	Soil temperature at RS15__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1602	Soil temperature at RS16__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1702	Soil temperature at RS17__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR1802	Soil temperature at RS18__, probe no. 02 at depth 20 cm, discontinued 1974
SOIR1902	Soil temperature at RS19__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR2001	Soil temperature at RS20__, probe no. 01 at depth 10 cm
SOIR2002	Soil temperature at RS20__, probe no. 02 at depth 20 cm
SOIR2003	Soil temperature at RS20__, probe no. 03 at depth 30 cm

SOIR2401	Soil temperature at RS24__, probe no. 01 at depth 10 cm, discontinued 2004
SOIR2402	Soil temperature at RS24__, probe no. 02 at depth 20 cm, discontinued 2004
SOIR2403	Soil temperature at RS24__, probe no. 03 at depth 30 cm, discontinued 2004
SOIR2601	Soil temperature at RS26__, probe no. 01 at depth 10 cm
SOIR2602	Soil temperature at RS26__, probe no. 02 at depth 20 cm
SOIR2603	Soil temperature at RS26__, probe no. 03 at depth 30 cm
SOIR8601	Soil temperature at RS86__, probe no. 01 at depth 10 cm
SOIR8602	Soil temperature at RS86__, probe no. 02 at depth 20 cm
SOIR8603	Soil temperature at RS86__, probe no. 03 at depth 30 cm
SOIR8901	Soil temperature at RS89__, probe no. 01 at depth 10 cm
SOIR8902	Soil temperature at RS89__, probe no. 02 at depth 20 cm
SOIR8903	Soil temperature at RS89__, probe no. 03 at depth 30 cm
SOIT3102	Soil temperature at TS31__, probe no. 02 at depth 20 cm, discontinued 1976
SOIT3202	Soil temperature at TS32__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3302	Soil temperature at TS33__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3402	Soil temperature at TS34__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3502	Soil temperature at TS35__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3602	Soil temperature at TS36__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3702	Soil temperature at TS37__, probe no. 02 at depth 20 cm, discontinued 1976
SOIR3801	Soil temperature at RS38__, probe no. 01 at depth 10 cm
SOIR3802	Soil temperature at RS38__, probe no. 02 at depth 20 cm
SOIR3803	Soil temperature at RS38__, probe no. 03 at depth 30 cm
SOIT7402	Soil temperature at TS74__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7502	Soil temperature at TS75__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7602	Soil temperature at TS76__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT7702	Soil temperature at TS77__, probe no. 02 at depth 20 cm, discontinued 1975
RELR8601	Relative humidity at RS86__, probe no. 01 at height 235 cm, discontinued 2017
RELR8901	Relative humidity at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRR0202	Air temperature at RS02__, probe no. 02 at height 225 cm
AIRR0203	Air temperature at RS02__, probe no. 03 at height 225 cm
AIRR0402	Air temperature at RS04__, probe no. 02 at height 325 cm
AIRR0403	Air temperature at RS04__, probe no. 03 at height 325 cm
AIRR1202	Air temperature at RS12__, probe no. 02 at height 190 cm
AIRR1203	Air temperature at RS12__, probe no. 03 at height 190 cm

AIRR2002	Air temperature at RS20__, probe no. 02 at height 220 cm
AIRR2003	Air temperature at RS20__, probe no. 03 at height 220 cm
AIRR2602	Air temperature at RS26__, probe no. 02 at height 200 cm
AIRR2603	Air temperature at RS26__, probe no. 03 at height 200 cm
AIRR0502	Air temperature at RS05__, probe no. 02 at height 200 cm
AIRR0503	Air temperature at RS05__, probe no. 03 at height 200 cm
AIRR1002	Air temperature at RS10__, probe no. 02 at height 200 cm
AIRR1003	Air temperature at RS10__, probe no. 03 at height 200 cm
AIRR3802	Air temperature at RS38__, probe no. 02 at height 100 cm
AIRR3803	Air temperature at RS38__, probe no. 03 at height 100 cm
AIRR8602	Air temperature at RS86__, probe no. 02 at height 235 cm
AIRR8603	Air temperature at RS86__, probe no. 03 at height 235 cm
AIRR8902	Air temperature at RS89__, probe no. 02 at height 285 cm
AIRR8903	Air temperature at RS89__, probe no. 03 at height 285 cm

Enumerated Domain for Attribute: DBCODE

MS005	FSDB Database Code

Enumerated Domain for Attribute: AIRTEMP_METHOD

AIR504	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 60 cm height in small shelter on tree and corrected to standard rdg.
AIR505	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 65 cm height in small shelter on tree and corrected to standard rdg.
AIR506	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 80 cm height in small shelter on tree and corrected to standard rdg.
AIR507	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 85 cm height in small shelter on tree and corrected to standard rdg.
AIR508	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 100 cm height in small shelter on tree and corrected to standard rdg.
AIR509	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 160 cm height in small shelter on tree and corrected to standard rdg.
AIR510	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 180 cm height in small shelter on tree and corrected to standard rdg.
AIR511	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 190 cm height in small shelter on tree and corrected to standard rdg.
AIR512	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer

	Model RFHTT with mercury bulb at 200 cm height in small shelter on tree and corrected to standard rdg.
AIR513	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 235 cm height in small shelter on tree and corrected to standard rdg.
AIR514	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 300 cm height in small shelter on tree and corrected to standard rdg.
AIR515	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 500 cm height in small shelter on tree and corrected to standard rdg.
AIR501	Mean, max and min daily (sunrise to sunrise) air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 100 cm height in small shelter and corrected.
AIR502	Mean, max and min daily (sunrise to sunrise) air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 200 cm height in small shelter and corrected.
AIR503	Mean, max and min daily (sunrise to sunrise) air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 300 cm height in small shelter and corrected.
AIR448	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 190 cm height; mean temperature is output every 5 minutes
AIR449	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean temperature is output every 5 minutes
AIR450	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 220 cm height; mean temperature is output every 5 minutes
AIR451	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 225 cm height; mean temperature is output every 5 minutes
AIR452	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 325 cm height; mean temperature is output every 5 minutes
AIR444	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 100 cm height; mean temperature is output every 60 minutes
AIR445	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean temperature is output every 60 minutes
AIR440	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 85 cm height; mean temperature is output every 60 minutes
AIR441	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 100 cm height; mean temperature is output every 60 minutes
AIR442	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 200 cm height; mean temperature is output every 60 minutes
AIR443	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 235 cm height; mean temperature is output every 60 minutes
AIR446	Air temperature is sampled by a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 235 cm height; mean temperature is output every 60 minutes
AIR447	Air temperature is sampled by a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 285 cm height; mean temperature is output every 60 minutes
AIR435	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 190 cm height with a

	Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR436	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 200 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR437	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 220 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR438	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 225 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR439	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 325 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR516	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 100 cm height (Daily output only)
AIR517	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 190 cm height (Daily output only)
AIR518	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 200 cm height (Daily output only)
AIR519	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 220 cm height (Daily output only)
AIR520	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 225 cm height (Daily output only)
AIR521	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 275 cm height (Daily output only)
AIR522	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 285 cm height (Daily output only)
AIR523	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 300 cm height (Daily output only)
AIR524	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 325 cm height (Daily output only)
AIR525	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 400 cm height (Daily output only)
AIR526	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 435 cm height (Daily output only)
AIR427	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 190 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR428	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 200 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR429	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 220 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes

AIR430	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 225 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR431	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 275 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR432	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 285 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR433	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 325 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR434	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 435 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR527	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 190 cm height (See Method AIR427)
AIR528	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 200 cm height (See Method AIR428)
AIR529	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 220 cm height (See Method AIR429)
AIR530	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 225 cm height (See Method AIR430)
AIR531	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 275 cm height (See Method AIR431)
AIR532	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 285 cm height (See Method AIR432)
AIR533	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 325 cm height (See Method AIR433)
AIR534	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 435 cm height (See Method AIR434)
AIR535	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 190 cm height (See Method AIR435)
AIR536	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 200 cm height (See Method AIR436)
AIR537	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 220 cm height (See Method AIR437)
AIR538	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 225 cm height (See Method AIR438)
AIR539	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 325 cm height (See Method AIR439)

AIR540	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 85 cm height (See Method AIR440)
AIR541	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 100 cm height (See Method AIR441)
AIR542	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 200 cm height (See Method AIR442)
AIR543	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 235 cm height (See Method AIR443)
AIR544	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 100 cm height (See Method AIR444)
AIR545	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height (See Method AIR445)
AIR546	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 235 cm height (See Method AIR446)
AIR547	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 285 cm height (See Method AIR447)
AIR548	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 190 cm height (See AIR448)
AIR549	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 200 cm height (See AIR449)
AIR550	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 220 cm height (See AIR450)
AIR551	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 225 cm height (See AIR451)
AIR552	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 325 cm height (See AIR452)
AIR635	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 190 cm (See Method AIR435)
AIR636	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 200cm (See Method AIR436)
AIR637	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 220cm (See Method AIR437)
AIR638	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 225cm

	(See Method AIR438)
AIR639	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 325cm (See Method AIR439)
AIR453	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 190 cm height; mean, min, max temperature is output every 5 minutes
AIR553	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 190 cm height (See method AIR453)
AIR454	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean, min, max temperature is output every 5 minutes
AIR455	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 220 cm height; mean, min, max temperature is output every 5 minutes
AIR456	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 225 cm height; mean, min, max temperature is output every 5 minutes
AIR457	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 325 cm height; mean, min, max temperature is output every 5 minutes
AIR554	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 200 cm height (See method AIR454)
AIR555	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 220 cm height (See method AIR455)
AIR556	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 225 cm height (See method AIR456)
AIR557	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 325 cm height (See method AIR457)
AIR458	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean, min, max temperature is output every 5 minutes
AIR459	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean, min, max temperature is output every 5 minutes
AIR460	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 100 cm height; mean, min, max temperature is output every 5 minutes
AIR461	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 235 cm height; mean, min, max temperature is output every 5 minutes
AIR462	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 285 cm height; mean, min, max temperature is output every 5 minutes
AIR558	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 200 cm height (See method AIR458)
AIR559	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 200 cm height (See method AIR459)
AIR560	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 100 cm height (See method AIR460)
AIR561	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 235 cm height (See method AIR461)
AIR562	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 285 cm height (See method AIR462)

Enumerated Domain for Attribute: QC_LEVEL

1A	Data is published and unlikely to change - automated range checking and manual review has been conducted. Quality is indicated in data value qualifier flags
1D	Data is published and unlikely to change - data is derived or aggregated from published data of level 1A
1P	Data is provisional and subject to revision - preliminary quality checks have been performed
2A	Data is published and unlikely to change - Level 1A data has been modified such that data gaps may be filled or problem data may be removed
2D	Data is published and unlikely to change - data is derived or aggregated from published data of level 2A

Enumerated Domain for Attribute: EVENT_CODE

CALIBR	Associated with the inspection or replacement of sensors for calibration
INSREM	Sensor is installed or removed
LOGGER	Change in data logger, data logger program, or wiring
MAINTE	A maintenance event has occurred
METHOD	Change in data collection method
NA	No event is reported (not applicable)
QUALTY	Event may directly affect data quality
WEATHR	A weather event has occurred that may affect reading

Enumerated Domain for Attribute: PROBE_CODE

AIRO1301	Air temperature at RS13O_, probe no. 01 at height 435 cm, discontinued 2003
AIRR0101	Air temperature at RS01__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0201	Air temperature at RS02__, probe no. 01 at height 225 cm, discontinued 2015
AIRR0301	Air temperature at RS03__, probe no. 01 at height 235 cm, discontinued 1995
AIRR0401	Air temperature at RS04__, probe no. 01 at height 325 cm, discontinued 2015
AIRR0501	Air temperature at RS05__, probe no. 01 at height 200 cm, discontinued 2017
AIRR0601	Air temperature at RS06__, probe no. 01 at height 100 cm, discontinued 1975
AIRR0701	Air temperature at RS07__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0801	Air temperature at RS08__, probe no. 01 at height 100 cm, discontinued 1973
AIRR0901	Air temperature at RS09__, probe no. 01 at height 100 cm, discontinued 1975
AIRR1001	Air temperature at RS10__, probe no. 01 at height 200 cm, discontinued 2017
AIRR1101	Air temperature at RS11__, probe no. 01 at height 100 cm, discontinued 1977
AIRR1201	Air temperature at RS12__, probe no. 01 at height 190 cm, discontinued 2015
AIRR1301	Air temperature at RS13__, probe no. 01 at height 275 cm, discontinued 2003
AIRR1401	Air temperature at RS14__, probe no. 01 at height 285 cm, discontinued 2003
AIRR1501	Air temperature at RS15__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1601	Air temperature at RS16__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1701	Air temperature at RS17__, probe no. 01 at height 60 cm, discontinued 1995
AIRR1801	Air temperature at RS18__, probe no. 01 at height 100 cm, discontinued 1974

AIRR1901	Air temperature at RS19__, probe no. 01 at height 100 cm, discontinued 1973
AIRR2001	Air temperature at RS20__, probe no. 01 at height 220 cm, discontinued 2015
AIRR2401	Air temperature at RS24__, probe no. 01 at height 220 cm, discontinued 2004
AIRR2601	Air temperature at RS26__, probe no. 01 at height 200 cm, discontinued 2015
AIRR8601	Air temperature at RS86__, probe no. 01 at height 235 cm, discontinued 2017
AIRR8901	Air temperature at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRT3101	Air temperature at TS31__, probe no. 01 at height 100 cm, discontinued 1976
AIRT3201	Air temperature at TS32__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3301	Air temperature at TS33__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3401	Air temperature at TS34__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3501	Air temperature at TS35__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3601	Air temperature at TS36__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3701	Air temperature at TS37__, probe no. 01 at height 100 cm, discontinued 1976
AIRR3801	Air temperature at RS38__, probe no. 01 at height 100 cm, discontinued 2017
AIRT7401	Air temperature at TS74__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7501	Air temperature at TS75__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7601	Air temperature at TS76__, probe no. 01 at height 100 cm, discontinued 1975
AIRT7701	Air temperature at TS77__, probe no. 01 at height 100 cm, discontinued 1975
SOIO1302	Soil temperature at RS13O_, probe no. 02 at depth 20 cm, discontinued 2003
SOIR0102	Soil temperature at RS01__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0201	Soil temperature at RS02__, probe no. 01 at depth 10 cm
SOIR0202	Soil temperature at RS02__, probe no. 02 at depth 20 cm
SOIR0203	Soil temperature at RS02__, probe no. 03 at depth 30 cm
SOIR0302	Soil temperature at RS03__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0401	Soil temperature at RS04__, probe no. 01 at depth 10 cm
SOIR0402	Soil temperature at RS04__, probe no. 02 at depth 20 cm
SOIR0403	Soil temperature at RS04__, probe no. 03 at depth 30 cm
SOIR0501	Soil temperature at RS05__, probe no. 01 at depth 10 cm
SOIR0502	Soil temperature at RS05__, probe no. 02 at depth 20 cm
SOIR0503	Soil temperature at RS05__, probe no. 03 at depth 30 cm
SOIR0602	Soil temperature at RS06__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR0702	Soil temperature at RS07__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0802	Soil temperature at RS08__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR0902	Soil temperature at RS09__, probe no. 02 at depth 20 cm, discontinued 1975

SOIR1001	Soil temperature at RS10__, probe no. 01 at depth 10 cm
SOIR1002	Soil temperature at RS10__, probe no. 02 at depth 20 cm
SOIR1003	Soil temperature at RS10__, probe no. 03 at depth 30 cm
SOIR1102	Soil temperature at RS11__, probe no. 02 at depth 20 cm, discontinued 1977
SOIR1201	Soil temperature at RS12__, probe no. 01 at depth 10 cm
SOIR1202	Soil temperature at RS12__, probe no. 02 at depth 20 cm
SOIR1203	Soil temperature at RS12__, probe no. 03 at depth 30 cm
SOIR1302	Soil temperature at RS13__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1401	Soil temperature at RS14__, probe no. 01 at depth 10 cm, discontinued 2003
SOIR1402	Soil temperature at RS14__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1403	Soil temperature at RS14__, probe no. 03 at depth 30 cm, discontinued 2003
SOIR1502	Soil temperature at RS15__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1602	Soil temperature at RS16__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1702	Soil temperature at RS17__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR1802	Soil temperature at RS18__, probe no. 02 at depth 20 cm, discontinued 1974
SOIR1902	Soil temperature at RS19__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR2001	Soil temperature at RS20__, probe no. 01 at depth 10 cm
SOIR2002	Soil temperature at RS20__, probe no. 02 at depth 20 cm
SOIR2003	Soil temperature at RS20__, probe no. 03 at depth 30 cm
SOIR2401	Soil temperature at RS24__, probe no. 01 at depth 10 cm, discontinued 2004
SOIR2402	Soil temperature at RS24__, probe no. 02 at depth 20 cm, discontinued 2004
SOIR2403	Soil temperature at RS24__, probe no. 03 at depth 30 cm, discontinued 2004
SOIR2601	Soil temperature at RS26__, probe no. 01 at depth 10 cm
SOIR2602	Soil temperature at RS26__, probe no. 02 at depth 20 cm
SOIR2603	Soil temperature at RS26__, probe no. 03 at depth 30 cm
SOIR8601	Soil temperature at RS86__, probe no. 01 at depth 10 cm
SOIR8602	Soil temperature at RS86__, probe no. 02 at depth 20 cm
SOIR8603	Soil temperature at RS86__, probe no. 03 at depth 30 cm
SOIR8901	Soil temperature at RS89__, probe no. 01 at depth 10 cm
SOIR8902	Soil temperature at RS89__, probe no. 02 at depth 20 cm
SOIR8903	Soil temperature at RS89__, probe no. 03 at depth 30 cm
SOIT3102	Soil temperature at TS31__, probe no. 02 at depth 20 cm, discontinued 1976
SOIT3202	Soil temperature at TS32__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3302	Soil temperature at TS33__, probe no. 02 at depth 20 cm, discontinued 1975

SOIT3402	Soil temperature at TS34__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3502	Soil temperature at TS35__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3602	Soil temperature at TS36__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3702	Soil temperature at TS37__, probe no. 02 at depth 20 cm, discontinued 1976
SOIR3801	Soil temperature at RS38__, probe no. 01 at depth 10 cm
SOIR3802	Soil temperature at RS38__, probe no. 02 at depth 20 cm
SOIR3803	Soil temperature at RS38__, probe no. 03 at depth 30 cm
SOIT7402	Soil temperature at TS74__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7502	Soil temperature at TS75__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7602	Soil temperature at TS76__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT7702	Soil temperature at TS77__, probe no. 02 at depth 20 cm, discontinued 1975
RELR8601	Relative humidity at RS86__, probe no. 01 at height 235 cm, discontinued 2017
RELR8901	Relative humidity at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRR0202	Air temperature at RS02__, probe no. 02 at height 225 cm
AIRR0203	Air temperature at RS02__, probe no. 03 at height 225 cm
AIRR0402	Air temperature at RS04__, probe no. 02 at height 325 cm
AIRR0403	Air temperature at RS04__, probe no. 03 at height 325 cm
AIRR1202	Air temperature at RS12__, probe no. 02 at height 190 cm
AIRR1203	Air temperature at RS12__, probe no. 03 at height 190 cm
AIRR2002	Air temperature at RS20__, probe no. 02 at height 220 cm
AIRR2003	Air temperature at RS20__, probe no. 03 at height 220 cm
AIRR2602	Air temperature at RS26__, probe no. 02 at height 200 cm
AIRR2603	Air temperature at RS26__, probe no. 03 at height 200 cm
AIRR0502	Air temperature at RS05__, probe no. 02 at height 200 cm
AIRR0503	Air temperature at RS05__, probe no. 03 at height 200 cm
AIRR1002	Air temperature at RS10__, probe no. 02 at height 200 cm
AIRR1003	Air temperature at RS10__, probe no. 03 at height 200 cm
AIRR3802	Air temperature at RS38__, probe no. 02 at height 100 cm
AIRR3803	Air temperature at RS38__, probe no. 03 at height 100 cm
AIRR8602	Air temperature at RS86__, probe no. 02 at height 235 cm
AIRR8603	Air temperature at RS86__, probe no. 03 at height 235 cm
AIRR8902	Air temperature at RS89__, probe no. 02 at height 285 cm
AIRR8903	Air temperature at RS89__, probe no. 03 at height 285 cm

Enumerated Domain for Attribute: DBCODE

MS005	FSDB Database Code

Enumerated Domain for Attribute: RELHUM_MEAN_FLAG

A	Accepted value has passed all QC tests applied as represented by the quality level
B	Sensor buried in snow
E	Estimated value
M	Missing value
Q	Questionable value

Enumerated Domain for Attribute: RELHUM_MAX_FLAG

A	Accepted value has passed all QC tests applied as represented by the quality level
B	Sensor buried in snow
E	Estimated value
M	Missing value
Q	Questionable value

Enumerated Domain for Attribute: RELHUM_MIN_FLAG

A	Accepted value has passed all QC tests applied as represented by the quality level
B	Sensor buried in snow
E	Estimated value
M	Missing value
Q	Questionable value

Enumerated Domain for Attribute: QC_LEVEL

1A	Data is published and unlikely to change - automated range checking and manual review has been conducted. Quality is indicated in data value qualifier flags
1D	Data is published and unlikely to change - data is derived or aggregated from published data of level 1A
1P	Data is provisional and subject to revision - preliminary quality checks have been performed
2A	Data is published and unlikely to change - Level 1A data has been modified such that data gaps may be filled or problem data may be removed
2D	Data is published and unlikely to change - data is derived or aggregated from published data of level 2A

Enumerated Domain for Attribute: EVENT_CODE

CALIBR	Associated with the inspection or replacement of sensors for calibration
INSREM	Sensor is installed or removed
LOGGER	Change in data logger, data logger program, or wiring
MAINTE	A maintenance event has occurred
METHOD	Change in data collection method
NA	No event is reported (not applicable)
QUALTY	Event may directly affect data quality
WEATHR	A weather event has occurred that may affect reading

Enumerated Domain for Attribute: RELHUM_METHOD

REL018	Relative humidity is sampled by a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 235 cm height; mean relative humidity is output every 60 minutes
REL019	Relative humidity is sampled by a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 285 cm height; mean relative humidity is output every 60 minutes
REL118	Mean daily, max and min relative humidity is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 235 cm height (See Method REL018)
REL119	Mean daily, max and min relative humidity is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 285 cm height (See Method REL019)

Enumerated Domain for Attribute: AIRTEMP_MEAN_FLAG

B	Sensor buried in snow; value represents snow temperature
E	Estimated value
M	Missing value
Q	Questionable value
S	Daily value based on sunrise to sunrise (not midnight to midnight)
A	Accepted value has passed all QC tests applied as represented by the quality level

Enumerated Domain for Attribute: PROBE_CODE

AIRO1301	Air temperature at RS13O_, probe no. 01 at height 435 cm, discontinued 2003
AIRR0101	Air temperature at RS01__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0201	Air temperature at RS02__, probe no. 01 at height 225 cm, discontinued 2015
AIRR0301	Air temperature at RS03__, probe no. 01 at height 235 cm, discontinued 1995
AIRR0401	Air temperature at RS04__, probe no. 01 at height 325 cm, discontinued 2015
AIRR0501	Air temperature at RS05__, probe no. 01 at height 200 cm, discontinued 2017
AIRR0601	Air temperature at RS06__, probe no. 01 at height 100 cm, discontinued 1975
AIRR0701	Air temperature at RS07__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0801	Air temperature at RS08__, probe no. 01 at height 100 cm, discontinued 1973
AIRR0901	Air temperature at RS09__, probe no. 01 at height 100 cm, discontinued 1975
AIRR1001	Air temperature at RS10__, probe no. 01 at height 200 cm, discontinued 2017
AIRR1101	Air temperature at RS11__, probe no. 01 at height 100 cm, discontinued 1977
AIRR1201	Air temperature at RS12__, probe no. 01 at height 190 cm, discontinued 2015
AIRR1301	Air temperature at RS13__, probe no. 01 at height 275 cm, discontinued 2003
AIRR1401	Air temperature at RS14__, probe no. 01 at height 285 cm, discontinued 2003
AIRR1501	Air temperature at RS15__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1601	Air temperature at RS16__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1701	Air temperature at RS17__, probe no. 01 at height 60 cm, discontinued 1995

AIRR1801	Air temperature at RS18__, probe no. 01 at height 100 cm, discontinued 1974
AIRR1901	Air temperature at RS19__, probe no. 01 at height 100 cm, discontinued 1973
AIRR2001	Air temperature at RS20__, probe no. 01 at height 220 cm, discontinued 2015
AIRR2401	Air temperature at RS24__, probe no. 01 at height 220 cm, discontinued 2004
AIRR2601	Air temperature at RS26__, probe no. 01 at height 200 cm, discontinued 2015
AIRR8601	Air temperature at RS86__, probe no. 01 at height 235 cm, discontinued 2017
AIRR8901	Air temperature at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRT3101	Air temperature at TS31__, probe no. 01 at height 100 cm, discontinued 1976
AIRT3201	Air temperature at TS32__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3301	Air temperature at TS33__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3401	Air temperature at TS34__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3501	Air temperature at TS35__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3601	Air temperature at TS36__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3701	Air temperature at TS37__, probe no. 01 at height 100 cm, discontinued 1976
AIRR3801	Air temperature at RS38__, probe no. 01 at height 100 cm, discontinued 2017
AIRT7401	Air temperature at TS74__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7501	Air temperature at TS75__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7601	Air temperature at TS76__, probe no. 01 at height 100 cm, discontinued 1975
AIRT7701	Air temperature at TS77__, probe no. 01 at height 100 cm, discontinued 1975
SOIO1302	Soil temperature at RS13O_, probe no. 02 at depth 20 cm, discontinued 2003
SOIR0102	Soil temperature at RS01__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0201	Soil temperature at RS02__, probe no. 01 at depth 10 cm
SOIR0202	Soil temperature at RS02__, probe no. 02 at depth 20 cm
SOIR0203	Soil temperature at RS02__, probe no. 03 at depth 30 cm
SOIR0302	Soil temperature at RS03__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0401	Soil temperature at RS04__, probe no. 01 at depth 10 cm
SOIR0402	Soil temperature at RS04__, probe no. 02 at depth 20 cm
SOIR0403	Soil temperature at RS04__, probe no. 03 at depth 30 cm
SOIR0501	Soil temperature at RS05__, probe no. 01 at depth 10 cm
SOIR0502	Soil temperature at RS05__, probe no. 02 at depth 20 cm
SOIR0503	Soil temperature at RS05__, probe no. 03 at depth 30 cm
SOIR0602	Soil temperature at RS06__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR0702	Soil temperature at RS07__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0802	Soil temperature at RS08__, probe no. 02 at depth 20 cm, discontinued 1973

SOIR0902	Soil temperature at RS09__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR1001	Soil temperature at RS10__, probe no. 01 at depth 10 cm
SOIR1002	Soil temperature at RS10__, probe no. 02 at depth 20 cm
SOIR1003	Soil temperature at RS10__, probe no. 03 at depth 30 cm
SOIR1102	Soil temperature at RS11__, probe no. 02 at depth 20 cm, discontinued 1977
SOIR1201	Soil temperature at RS12__, probe no. 01 at depth 10 cm
SOIR1202	Soil temperature at RS12__, probe no. 02 at depth 20 cm
SOIR1203	Soil temperature at RS12__, probe no. 03 at depth 30 cm
SOIR1302	Soil temperature at RS13__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1401	Soil temperature at RS14__, probe no. 01 at depth 10 cm, discontinued 2003
SOIR1402	Soil temperature at RS14__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1403	Soil temperature at RS14__, probe no. 03 at depth 30 cm, discontinued 2003
SOIR1502	Soil temperature at RS15__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1602	Soil temperature at RS16__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1702	Soil temperature at RS17__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR1802	Soil temperature at RS18__, probe no. 02 at depth 20 cm, discontinued 1974
SOIR1902	Soil temperature at RS19__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR2001	Soil temperature at RS20__, probe no. 01 at depth 10 cm
SOIR2002	Soil temperature at RS20__, probe no. 02 at depth 20 cm
SOIR2003	Soil temperature at RS20__, probe no. 03 at depth 30 cm
SOIR2401	Soil temperature at RS24__, probe no. 01 at depth 10 cm, discontinued 2004
SOIR2402	Soil temperature at RS24__, probe no. 02 at depth 20 cm, discontinued 2004
SOIR2403	Soil temperature at RS24__, probe no. 03 at depth 30 cm, discontinued 2004
SOIR2601	Soil temperature at RS26__, probe no. 01 at depth 10 cm
SOIR2602	Soil temperature at RS26__, probe no. 02 at depth 20 cm
SOIR2603	Soil temperature at RS26__, probe no. 03 at depth 30 cm
SOIR8601	Soil temperature at RS86__, probe no. 01 at depth 10 cm
SOIR8602	Soil temperature at RS86__, probe no. 02 at depth 20 cm
SOIR8603	Soil temperature at RS86__, probe no. 03 at depth 30 cm
SOIR8901	Soil temperature at RS89__, probe no. 01 at depth 10 cm
SOIR8902	Soil temperature at RS89__, probe no. 02 at depth 20 cm
SOIR8903	Soil temperature at RS89__, probe no. 03 at depth 30 cm
SOIT3102	Soil temperature at TS31__, probe no. 02 at depth 20 cm, discontinued 1976
SOIT3202	Soil temperature at TS32__, probe no. 02 at depth 20 cm, discontinued 1975

SOIT3302	Soil temperature at TS33__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3402	Soil temperature at TS34__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3502	Soil temperature at TS35__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3602	Soil temperature at TS36__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3702	Soil temperature at TS37__, probe no. 02 at depth 20 cm, discontinued 1976
SOIR3801	Soil temperature at RS38__, probe no. 01 at depth 10 cm
SOIR3802	Soil temperature at RS38__, probe no. 02 at depth 20 cm
SOIR3803	Soil temperature at RS38__, probe no. 03 at depth 30 cm
SOIT7402	Soil temperature at TS74__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7502	Soil temperature at TS75__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7602	Soil temperature at TS76__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT7702	Soil temperature at TS77__, probe no. 02 at depth 20 cm, discontinued 1975
RELR8601	Relative humidity at RS86__, probe no. 01 at height 235 cm, discontinued 2017
RELR8901	Relative humidity at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRR0202	Air temperature at RS02__, probe no. 02 at height 225 cm
AIRR0203	Air temperature at RS02__, probe no. 03 at height 225 cm
AIRR0402	Air temperature at RS04__, probe no. 02 at height 325 cm
AIRR0403	Air temperature at RS04__, probe no. 03 at height 325 cm
AIRR1202	Air temperature at RS12__, probe no. 02 at height 190 cm
AIRR1203	Air temperature at RS12__, probe no. 03 at height 190 cm
AIRR2002	Air temperature at RS20__, probe no. 02 at height 220 cm
AIRR2003	Air temperature at RS20__, probe no. 03 at height 220 cm
AIRR2602	Air temperature at RS26__, probe no. 02 at height 200 cm
AIRR2603	Air temperature at RS26__, probe no. 03 at height 200 cm
AIRR0502	Air temperature at RS05__, probe no. 02 at height 200 cm
AIRR0503	Air temperature at RS05__, probe no. 03 at height 200 cm
AIRR1002	Air temperature at RS10__, probe no. 02 at height 200 cm
AIRR1003	Air temperature at RS10__, probe no. 03 at height 200 cm
AIRR3802	Air temperature at RS38__, probe no. 02 at height 100 cm
AIRR3803	Air temperature at RS38__, probe no. 03 at height 100 cm
AIRR8602	Air temperature at RS86__, probe no. 02 at height 235 cm
AIRR8603	Air temperature at RS86__, probe no. 03 at height 235 cm
AIRR8902	Air temperature at RS89__, probe no. 02 at height 285 cm
AIRR8903	Air temperature at RS89__, probe no. 03 at height 285 cm

Enumerated Domain for Attribute: DBCODE

MS005	FSDB Database Code

Enumerated Domain for Attribute: AIRTEMP_METHOD

AIR504	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 60 cm height in small shelter on tree and corrected to standard rdg.
AIR505	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 65 cm height in small shelter on tree and corrected to standard rdg.
AIR506	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 80 cm height in small shelter on tree and corrected to standard rdg.
AIR507	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 85 cm height in small shelter on tree and corrected to standard rdg.
AIR508	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 100 cm height in small shelter on tree and corrected to standard rdg.
AIR509	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 160 cm height in small shelter on tree and corrected to standard rdg.
AIR510	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 180 cm height in small shelter on tree and corrected to standard rdg.
AIR511	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 190 cm height in small shelter on tree and corrected to standard rdg.
AIR512	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 200 cm height in small shelter on tree and corrected to standard rdg.
AIR513	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 235 cm height in small shelter on tree and corrected to standard rdg.
AIR514	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 300 cm height in small shelter on tree and corrected to standard rdg.
AIR515	Mean, max and min daily air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 500 cm height in small shelter on tree and corrected to standard rdg.
AIR501	Mean, max and min daily (sunrise to sunrise) air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 100 cm height in small shelter and corrected.
AIR502	Mean, max and min daily (sunrise to sunrise) air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 200 cm height in small shelter and corrected.
AIR503	Mean, max and min daily (sunrise to sunrise) air temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 300 cm height in small shelter and corrected.
AIR448	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 190 cm height; mean

	temperature is output every 5 minutes
AIR449	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean temperature is output every 5 minutes
AIR450	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 220 cm height; mean temperature is output every 5 minutes
AIR451	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 225 cm height; mean temperature is output every 5 minutes
AIR452	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 325 cm height; mean temperature is output every 5 minutes
AIR444	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 100 cm height; mean temperature is output every 60 minutes
AIR445	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean temperature is output every 60 minutes
AIR440	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 85 cm height; mean temperature is output every 60 minutes
AIR441	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 100 cm height; mean temperature is output every 60 minutes
AIR442	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 200 cm height; mean temperature is output every 60 minutes
AIR443	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 235 cm height; mean temperature is output every 60 minutes
AIR446	Air temperature is sampled by a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 235 cm height; mean temperature is output every 60 minutes
AIR447	Air temperature is sampled by a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 285 cm height; mean temperature is output every 60 minutes
AIR435	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 190 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR436	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 200 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR437	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 220 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR438	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 225 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR439	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a R.M. Young Gill radiation shield at 325 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR516	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 100 cm height (Daily output only)
AIR517	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 190 cm height (Daily output only)
AIR518	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 200 cm height (Daily output only)
AIR519	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T

	thermocouple wire housed in a locally designed PVC radiation shield at 220 cm height (Daily output only)
AIR520	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 225 cm height (Daily output only)
AIR521	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 275 cm height (Daily output only)
AIR522	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 285 cm height (Daily output only)
AIR523	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 300 cm height (Daily output only)
AIR524	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 325 cm height (Daily output only)
AIR525	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 400 cm height (Daily output only)
AIR526	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 435 cm height (Daily output only)
AIR427	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 190 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR428	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 200 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR429	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 220 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR430	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 225 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR431	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 275 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR432	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 285 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR433	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 325 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR434	Air temperature is sampled by type T thermocouple soldered from thermocouple wire housed in a locally designed PVC radiation shield at 435 cm height with a Campbell Scientific data logger; mean temperature is output every 60 minutes
AIR527	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 190 cm height (See Method AIR427)
AIR528	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 200 cm height (See Method AIR428)
AIR529	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 220 cm height (See Method AIR429)
AIR530	Mean daily, max and min air temperature is calculated by the Campbell

	Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 225 cm height (See Method AIR430)
AIR531	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 275 cm height (See Method AIR431)
AIR532	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 285 cm height (See Method AIR432)
AIR533	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 325 cm height (See Method AIR433)
AIR534	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a locally designed PVC radiation shield at 435 cm height (See Method AIR434)
AIR535	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 190 cm height (See Method AIR435)
AIR536	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 200 cm height (See Method AIR436)
AIR537	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 220 cm height (See Method AIR437)
AIR538	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 225 cm height (See Method AIR438)
AIR539	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple wire housed in a R.M. Young Gill radiation shield at 325 cm height (See Method AIR439)
AIR540	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 85 cm height (See Method AIR440)
AIR541	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 100 cm height (See Method AIR441)
AIR542	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 200 cm height (See Method AIR442)
AIR543	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a locally designed PVC radiation shield at 235 cm height (See Method AIR443)
AIR544	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 100 cm height (See Method AIR444)
AIR545	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height (See Method AIR445)
AIR546	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 235 cm height (See Method AIR446)

AIR547	Mean daily, max and min air temperature is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 285 cm height (See Method AIR447)
AIR548	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 190 cm height (See AIR448)
AIR549	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 200 cm height (See AIR449)
AIR550	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 220 cm height (See AIR450)
AIR551	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 225 cm height (See AIR451)
AIR552	Mean daily air temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. CS model 107 thermistor; RM Young Gill radiation shield; 325 cm height (See AIR452)
AIR635	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 190 cm (See Method AIR435)
AIR636	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 200cm (See Method AIR436)
AIR637	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 220cm (See Method AIR437)
AIR638	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 225cm (See Method AIR438)
AIR639	Mean daily air temperature is post-calculated from hourly mean values for the day. Max-min values are based on hourly mean intervals and not instantaneous values. Type T thermocouple wire; R.M. Young Gill radiation shield; 325cm (See Method AIR439)
AIR453	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 190 cm height; mean, min, max temperature is output every 5 minutes
AIR553	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 190 cm height (See method AIR453)
AIR454	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean, min, max temperature is output every 5 minutes
AIR455	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 220 cm height; mean, min, max temperature is output every 5 minutes
AIR456	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 225 cm height; mean, min, max temperature is output every 5 minutes
AIR457	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 325 cm height; mean, min, max temperature is output every 5 minutes
AIR554	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 200 cm height (See method AIR454)
AIR555	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings.

	CS Model 107; Gill radiation shield; 220 cm height (See method AIR455)
AIR556	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 225 cm height (See method AIR456)
AIR557	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 325 cm height (See method AIR457)
AIR458	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean, min, max temperature is output every 5 minutes
AIR459	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 200 cm height; mean, min, max temperature is output every 5 minutes
AIR460	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 100 cm height; mean, min, max temperature is output every 5 minutes
AIR461	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 235 cm height; mean, min, max temperature is output every 5 minutes
AIR462	Air temperature is sampled by a Campbell Scientific model 107 thermistor housed in a R.M. Young Gill radiation shield at 285 cm height; mean, min, max temperature is output every 5 minutes
AIR558	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 200 cm height (See method AIR458)
AIR559	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 200 cm height (See method AIR459)
AIR560	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 100 cm height (See method AIR460)
AIR561	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 235 cm height (See method AIR461)
AIR562	Mean daily air temperature is post-calculated from all 5 minute values, and max-min values are determined based on all instantaneous 10 second readings. CS Model 107; Gill radiation shield; 285 cm height (See method AIR462)

Enumerated Domain for Attribute: QC_LEVEL

1A	Data is published and unlikely to change - automated range checking and manual review has been conducted. Quality is indicated in data value qualifier flags
1D	Data is published and unlikely to change - data is derived or aggregated from published data of level 1A
1P	Data is provisional and subject to revision - preliminary quality checks have been performed
2A	Data is published and unlikely to change - Level 1A data has been modified such that data gaps may be filled or problem data may be removed
2D	Data is published and unlikely to change - data is derived or aggregated from published data of level 2A

Enumerated Domain for Attribute: EVENT_CODE

CALIBR	Associated with the inspection or replacement of sensors for calibration
INSREM	Sensor is installed or removed
LOGGER	Change in data logger, data logger program, or wiring
MAINTE	A maintenance event has occurred
METHOD	Change in data collection method
NA	No event is reported (not applicable)
QUALTY	Event may directly affect data quality
WEATHR	A weather event has occurred that may affect reading

Enumerated Domain for Attribute: PROBE_CODE

AIRO1301	Air temperature at RS13O_, probe no. 01 at height 435 cm, discontinued 2003
AIRR0101	Air temperature at RS01__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0201	Air temperature at RS02__, probe no. 01 at height 225 cm, discontinued 2015
AIRR0301	Air temperature at RS03__, probe no. 01 at height 235 cm, discontinued 1995
AIRR0401	Air temperature at RS04__, probe no. 01 at height 325 cm, discontinued 2015
AIRR0501	Air temperature at RS05__, probe no. 01 at height 200 cm, discontinued 2017
AIRR0601	Air temperature at RS06__, probe no. 01 at height 100 cm, discontinued 1975
AIRR0701	Air temperature at RS07__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0801	Air temperature at RS08__, probe no. 01 at height 100 cm, discontinued 1973
AIRR0901	Air temperature at RS09__, probe no. 01 at height 100 cm, discontinued 1975
AIRR1001	Air temperature at RS10__, probe no. 01 at height 200 cm, discontinued 2017
AIRR1101	Air temperature at RS11__, probe no. 01 at height 100 cm, discontinued 1977
AIRR1201	Air temperature at RS12__, probe no. 01 at height 190 cm, discontinued 2015
AIRR1301	Air temperature at RS13__, probe no. 01 at height 275 cm, discontinued 2003
AIRR1401	Air temperature at RS14__, probe no. 01 at height 285 cm, discontinued 2003
AIRR1501	Air temperature at RS15__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1601	Air temperature at RS16__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1701	Air temperature at RS17__, probe no. 01 at height 60 cm, discontinued 1995
AIRR1801	Air temperature at RS18__, probe no. 01 at height 100 cm, discontinued 1974
AIRR1901	Air temperature at RS19__, probe no. 01 at height 100 cm, discontinued 1973
AIRR2001	Air temperature at RS20__, probe no. 01 at height 220 cm, discontinued 2015
AIRR2401	Air temperature at RS24__, probe no. 01 at height 220 cm, discontinued 2004
AIRR2601	Air temperature at RS26__, probe no. 01 at height 200 cm, discontinued 2015
AIRR8601	Air temperature at RS86__, probe no. 01 at height 235 cm, discontinued 2017
AIRR8901	Air temperature at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRT3101	Air temperature at TS31__, probe no. 01 at height 100 cm, discontinued 1976
AIRT3201	Air temperature at TS32__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3301	Air temperature at TS33__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3401	Air temperature at TS34__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3501	Air temperature at TS35__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3601	Air temperature at TS36__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3701	Air temperature at TS37__, probe no. 01 at height 100 cm, discontinued 1976
AIRR3801	Air temperature at RS38__, probe no. 01 at height 100 cm, discontinued 2017

AIRT7401	Air temperature at TS74__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7501	Air temperature at TS75__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7601	Air temperature at TS76__, probe no. 01 at height 100 cm, discontinued 1975
AIRT7701	Air temperature at TS77__, probe no. 01 at height 100 cm, discontinued 1975
SOIO1302	Soil temperature at RS13O_, probe no. 02 at depth 20 cm, discontinued 2003
SOIR0102	Soil temperature at RS01__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0201	Soil temperature at RS02__, probe no. 01 at depth 10 cm
SOIR0202	Soil temperature at RS02__, probe no. 02 at depth 20 cm
SOIR0203	Soil temperature at RS02__, probe no. 03 at depth 30 cm
SOIR0302	Soil temperature at RS03__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0401	Soil temperature at RS04__, probe no. 01 at depth 10 cm
SOIR0402	Soil temperature at RS04__, probe no. 02 at depth 20 cm
SOIR0403	Soil temperature at RS04__, probe no. 03 at depth 30 cm
SOIR0501	Soil temperature at RS05__, probe no. 01 at depth 10 cm
SOIR0502	Soil temperature at RS05__, probe no. 02 at depth 20 cm
SOIR0503	Soil temperature at RS05__, probe no. 03 at depth 30 cm
SOIR0602	Soil temperature at RS06__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR0702	Soil temperature at RS07__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0802	Soil temperature at RS08__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR0902	Soil temperature at RS09__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR1001	Soil temperature at RS10__, probe no. 01 at depth 10 cm
SOIR1002	Soil temperature at RS10__, probe no. 02 at depth 20 cm
SOIR1003	Soil temperature at RS10__, probe no. 03 at depth 30 cm
SOIR1102	Soil temperature at RS11__, probe no. 02 at depth 20 cm, discontinued 1977
SOIR1201	Soil temperature at RS12__, probe no. 01 at depth 10 cm
SOIR1202	Soil temperature at RS12__, probe no. 02 at depth 20 cm
SOIR1203	Soil temperature at RS12__, probe no. 03 at depth 30 cm
SOIR1302	Soil temperature at RS13__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1401	Soil temperature at RS14__, probe no. 01 at depth 10 cm, discontinued 2003
SOIR1402	Soil temperature at RS14__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1403	Soil temperature at RS14__, probe no. 03 at depth 30 cm, discontinued 2003
SOIR1502	Soil temperature at RS15__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1602	Soil temperature at RS16__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1702	Soil temperature at RS17__, probe no. 02 at depth 20 cm, discontinued 1995

SOIR1802	Soil temperature at RS18__, probe no. 02 at depth 20 cm, discontinued 1974
SOIR1902	Soil temperature at RS19__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR2001	Soil temperature at RS20__, probe no. 01 at depth 10 cm
SOIR2002	Soil temperature at RS20__, probe no. 02 at depth 20 cm
SOIR2003	Soil temperature at RS20__, probe no. 03 at depth 30 cm
SOIR2401	Soil temperature at RS24__, probe no. 01 at depth 10 cm, discontinued 2004
SOIR2402	Soil temperature at RS24__, probe no. 02 at depth 20 cm, discontinued 2004
SOIR2403	Soil temperature at RS24__, probe no. 03 at depth 30 cm, discontinued 2004
SOIR2601	Soil temperature at RS26__, probe no. 01 at depth 10 cm
SOIR2602	Soil temperature at RS26__, probe no. 02 at depth 20 cm
SOIR2603	Soil temperature at RS26__, probe no. 03 at depth 30 cm
SOIR8601	Soil temperature at RS86__, probe no. 01 at depth 10 cm
SOIR8602	Soil temperature at RS86__, probe no. 02 at depth 20 cm
SOIR8603	Soil temperature at RS86__, probe no. 03 at depth 30 cm
SOIR8901	Soil temperature at RS89__, probe no. 01 at depth 10 cm
SOIR8902	Soil temperature at RS89__, probe no. 02 at depth 20 cm
SOIR8903	Soil temperature at RS89__, probe no. 03 at depth 30 cm
SOIT3102	Soil temperature at TS31__, probe no. 02 at depth 20 cm, discontinued 1976
SOIT3202	Soil temperature at TS32__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3302	Soil temperature at TS33__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3402	Soil temperature at TS34__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3502	Soil temperature at TS35__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3602	Soil temperature at TS36__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3702	Soil temperature at TS37__, probe no. 02 at depth 20 cm, discontinued 1976
SOIR3801	Soil temperature at RS38__, probe no. 01 at depth 10 cm
SOIR3802	Soil temperature at RS38__, probe no. 02 at depth 20 cm
SOIR3803	Soil temperature at RS38__, probe no. 03 at depth 30 cm
SOIT7402	Soil temperature at TS74__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7502	Soil temperature at TS75__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7602	Soil temperature at TS76__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT7702	Soil temperature at TS77__, probe no. 02 at depth 20 cm, discontinued 1975
RELR8601	Relative humidity at RS86__, probe no. 01 at height 235 cm, discontinued 2017
RELR8901	Relative humidity at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRR0202	Air temperature at RS02__, probe no. 02 at height 225 cm

AIRR0203	Air temperature at RS02__, probe no. 03 at height 225 cm
AIRR0402	Air temperature at RS04__, probe no. 02 at height 325 cm
AIRR0403	Air temperature at RS04__, probe no. 03 at height 325 cm
AIRR1202	Air temperature at RS12__, probe no. 02 at height 190 cm
AIRR1203	Air temperature at RS12__, probe no. 03 at height 190 cm
AIRR2002	Air temperature at RS20__, probe no. 02 at height 220 cm
AIRR2003	Air temperature at RS20__, probe no. 03 at height 220 cm
AIRR2602	Air temperature at RS26__, probe no. 02 at height 200 cm
AIRR2603	Air temperature at RS26__, probe no. 03 at height 200 cm
AIRR0502	Air temperature at RS05__, probe no. 02 at height 200 cm
AIRR0503	Air temperature at RS05__, probe no. 03 at height 200 cm
AIRR1002	Air temperature at RS10__, probe no. 02 at height 200 cm
AIRR1003	Air temperature at RS10__, probe no. 03 at height 200 cm
AIRR3802	Air temperature at RS38__, probe no. 02 at height 100 cm
AIRR3803	Air temperature at RS38__, probe no. 03 at height 100 cm
AIRR8602	Air temperature at RS86__, probe no. 02 at height 235 cm
AIRR8603	Air temperature at RS86__, probe no. 03 at height 235 cm
AIRR8902	Air temperature at RS89__, probe no. 02 at height 285 cm
AIRR8903	Air temperature at RS89__, probe no. 03 at height 285 cm

Enumerated Domain for Attribute: DBCODE

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Enumerated Domain for Attribute: RELHUM_MEAN_FLAG

A	Accepted value has passed all QC tests applied as represented by the quality level
B	Sensor buried in snow
E	Estimated value
M	Missing value
Q	Questionable value

Enumerated Domain for Attribute: QC_LEVEL

1A	Data is published and unlikely to change - automated range checking and manual review has been conducted. Quality is indicated in data value qualifier flags
1D	Data is published and unlikely to change - data is derived or aggregated from published data of level 1A
1P	Data is provisional and subject to revision - preliminary quality checks have been performed
2A	Data is published and unlikely to change - Level 1A data has been modified such that data gaps may be filled or problem data may be removed
2D	Data is published and unlikely to change - data is derived or aggregated from published data of level 2A

Enumerated Domain for Attribute: EVENT_CODE

CALIBR	Associated with the inspection or replacement of sensors for calibration
INSREM	Sensor is installed or removed
LOGGER	Change in data logger, data logger program, or wiring
MAINTE	A maintenance event has occurred
METHOD	Change in data collection method
NA	No event is reported (not applicable)
QUALTY	Event may directly affect data quality
WEATHR	A weather event has occurred that may affect reading

Enumerated Domain for Attribute: RELHUM_METHOD

REL018	Relative humidity is sampled by a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 235 cm height; mean relative humidity is output every 60 minutes
REL019	Relative humidity is sampled by a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 285 cm height; mean relative humidity is output every 60 minutes
REL118	Mean daily, max and min relative humidity is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 235 cm height (See Method REL018)
REL119	Mean daily, max and min relative humidity is calculated by the Campbell Scientific datalogger based on 15 second samples from a Campbell Scientific model HMP45C probe housed in a R.M. Young Gill radiation shield at 285 cm height (See Method REL019)

Enumerated Domain for Attribute: SOILTEMP_MEAN_FLAG

E	Estimated value
M	Missing value
Q	Questionable value
S	Daily value based on sunrise to sunrise (not midnight to midnight)
A	Accepted value has passed all QC tests applied as represented by the quality level

Enumerated Domain for Attribute: SOILTEMP_MAX_FLAG

E	Estimated value
M	Missing value
Q	Questionable value
A	Accepted value has passed all QC tests applied as represented by the quality level

Enumerated Domain for Attribute: SOILTEMP_MIN_FLAG

E	Estimated value
M	Missing value
Q	Questionable value
A	Accepted value has passed all QC tests applied as represented by the quality level

Enumerated Domain for Attribute: PROBE_CODE

AIRO1301	Air temperature at RS13O_, probe no. 01 at height 435 cm, discontinued 2003

AIRR0101	Air temperature at RS01__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0201	Air temperature at RS02__, probe no. 01 at height 225 cm, discontinued 2015
AIRR0301	Air temperature at RS03__, probe no. 01 at height 235 cm, discontinued 1995
AIRR0401	Air temperature at RS04__, probe no. 01 at height 325 cm, discontinued 2015
AIRR0501	Air temperature at RS05__, probe no. 01 at height 200 cm, discontinued 2017
AIRR0601	Air temperature at RS06__, probe no. 01 at height 100 cm, discontinued 1975
AIRR0701	Air temperature at RS07__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0801	Air temperature at RS08__, probe no. 01 at height 100 cm, discontinued 1973
AIRR0901	Air temperature at RS09__, probe no. 01 at height 100 cm, discontinued 1975
AIRR1001	Air temperature at RS10__, probe no. 01 at height 200 cm, discontinued 2017
AIRR1101	Air temperature at RS11__, probe no. 01 at height 100 cm, discontinued 1977
AIRR1201	Air temperature at RS12__, probe no. 01 at height 190 cm, discontinued 2015
AIRR1301	Air temperature at RS13__, probe no. 01 at height 275 cm, discontinued 2003
AIRR1401	Air temperature at RS14__, probe no. 01 at height 285 cm, discontinued 2003
AIRR1501	Air temperature at RS15__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1601	Air temperature at RS16__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1701	Air temperature at RS17__, probe no. 01 at height 60 cm, discontinued 1995
AIRR1801	Air temperature at RS18__, probe no. 01 at height 100 cm, discontinued 1974
AIRR1901	Air temperature at RS19__, probe no. 01 at height 100 cm, discontinued 1973
AIRR2001	Air temperature at RS20__, probe no. 01 at height 220 cm, discontinued 2015
AIRR2401	Air temperature at RS24__, probe no. 01 at height 220 cm, discontinued 2004
AIRR2601	Air temperature at RS26__, probe no. 01 at height 200 cm, discontinued 2015
AIRR8601	Air temperature at RS86__, probe no. 01 at height 235 cm, discontinued 2017
AIRR8901	Air temperature at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRT3101	Air temperature at TS31__, probe no. 01 at height 100 cm, discontinued 1976
AIRT3201	Air temperature at TS32__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3301	Air temperature at TS33__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3401	Air temperature at TS34__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3501	Air temperature at TS35__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3601	Air temperature at TS36__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3701	Air temperature at TS37__, probe no. 01 at height 100 cm, discontinued 1976
AIRR3801	Air temperature at RS38__, probe no. 01 at height 100 cm, discontinued 2017
AIRT7401	Air temperature at TS74__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7501	Air temperature at TS75__, probe no. 01 at height 100 cm, discontinued 1990

AIRT7601	Air temperature at TS76__, probe no. 01 at height 100 cm, discontinued 1975
AIRT7701	Air temperature at TS77__, probe no. 01 at height 100 cm, discontinued 1975
SOIO1302	Soil temperature at RS13O_, probe no. 02 at depth 20 cm, discontinued 2003
SOIR0102	Soil temperature at RS01__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0201	Soil temperature at RS02__, probe no. 01 at depth 10 cm
SOIR0202	Soil temperature at RS02__, probe no. 02 at depth 20 cm
SOIR0203	Soil temperature at RS02__, probe no. 03 at depth 30 cm
SOIR0302	Soil temperature at RS03__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0401	Soil temperature at RS04__, probe no. 01 at depth 10 cm
SOIR0402	Soil temperature at RS04__, probe no. 02 at depth 20 cm
SOIR0403	Soil temperature at RS04__, probe no. 03 at depth 30 cm
SOIR0501	Soil temperature at RS05__, probe no. 01 at depth 10 cm
SOIR0502	Soil temperature at RS05__, probe no. 02 at depth 20 cm
SOIR0503	Soil temperature at RS05__, probe no. 03 at depth 30 cm
SOIR0602	Soil temperature at RS06__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR0702	Soil temperature at RS07__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0802	Soil temperature at RS08__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR0902	Soil temperature at RS09__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR1001	Soil temperature at RS10__, probe no. 01 at depth 10 cm
SOIR1002	Soil temperature at RS10__, probe no. 02 at depth 20 cm
SOIR1003	Soil temperature at RS10__, probe no. 03 at depth 30 cm
SOIR1102	Soil temperature at RS11__, probe no. 02 at depth 20 cm, discontinued 1977
SOIR1201	Soil temperature at RS12__, probe no. 01 at depth 10 cm
SOIR1202	Soil temperature at RS12__, probe no. 02 at depth 20 cm
SOIR1203	Soil temperature at RS12__, probe no. 03 at depth 30 cm
SOIR1302	Soil temperature at RS13__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1401	Soil temperature at RS14__, probe no. 01 at depth 10 cm, discontinued 2003
SOIR1402	Soil temperature at RS14__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1403	Soil temperature at RS14__, probe no. 03 at depth 30 cm, discontinued 2003
SOIR1502	Soil temperature at RS15__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1602	Soil temperature at RS16__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1702	Soil temperature at RS17__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR1802	Soil temperature at RS18__, probe no. 02 at depth 20 cm, discontinued 1974
SOIR1902	Soil temperature at RS19__, probe no. 02 at depth 20 cm, discontinued 1973

SOIR2001	Soil temperature at RS20__, probe no. 01 at depth 10 cm
SOIR2002	Soil temperature at RS20__, probe no. 02 at depth 20 cm
SOIR2003	Soil temperature at RS20__, probe no. 03 at depth 30 cm
SOIR2401	Soil temperature at RS24__, probe no. 01 at depth 10 cm, discontinued 2004
SOIR2402	Soil temperature at RS24__, probe no. 02 at depth 20 cm, discontinued 2004
SOIR2403	Soil temperature at RS24__, probe no. 03 at depth 30 cm, discontinued 2004
SOIR2601	Soil temperature at RS26__, probe no. 01 at depth 10 cm
SOIR2602	Soil temperature at RS26__, probe no. 02 at depth 20 cm
SOIR2603	Soil temperature at RS26__, probe no. 03 at depth 30 cm
SOIR8601	Soil temperature at RS86__, probe no. 01 at depth 10 cm
SOIR8602	Soil temperature at RS86__, probe no. 02 at depth 20 cm
SOIR8603	Soil temperature at RS86__, probe no. 03 at depth 30 cm
SOIR8901	Soil temperature at RS89__, probe no. 01 at depth 10 cm
SOIR8902	Soil temperature at RS89__, probe no. 02 at depth 20 cm
SOIR8903	Soil temperature at RS89__, probe no. 03 at depth 30 cm
SOIT3102	Soil temperature at TS31__, probe no. 02 at depth 20 cm, discontinued 1976
SOIT3202	Soil temperature at TS32__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3302	Soil temperature at TS33__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3402	Soil temperature at TS34__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3502	Soil temperature at TS35__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3602	Soil temperature at TS36__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3702	Soil temperature at TS37__, probe no. 02 at depth 20 cm, discontinued 1976
SOIR3801	Soil temperature at RS38__, probe no. 01 at depth 10 cm
SOIR3802	Soil temperature at RS38__, probe no. 02 at depth 20 cm
SOIR3803	Soil temperature at RS38__, probe no. 03 at depth 30 cm
SOIT7402	Soil temperature at TS74__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7502	Soil temperature at TS75__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7602	Soil temperature at TS76__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT7702	Soil temperature at TS77__, probe no. 02 at depth 20 cm, discontinued 1975
RELR8601	Relative humidity at RS86__, probe no. 01 at height 235 cm, discontinued 2017
RELR8901	Relative humidity at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRR0202	Air temperature at RS02__, probe no. 02 at height 225 cm
AIRR0203	Air temperature at RS02__, probe no. 03 at height 225 cm
AIRR0402	Air temperature at RS04__, probe no. 02 at height 325 cm

AIRR0403	Air temperature at RS04__, probe no. 03 at height 325 cm
AIRR1202	Air temperature at RS12__, probe no. 02 at height 190 cm
AIRR1203	Air temperature at RS12__, probe no. 03 at height 190 cm
AIRR2002	Air temperature at RS20__, probe no. 02 at height 220 cm
AIRR2003	Air temperature at RS20__, probe no. 03 at height 220 cm
AIRR2602	Air temperature at RS26__, probe no. 02 at height 200 cm
AIRR2603	Air temperature at RS26__, probe no. 03 at height 200 cm
AIRR0502	Air temperature at RS05__, probe no. 02 at height 200 cm
AIRR0503	Air temperature at RS05__, probe no. 03 at height 200 cm
AIRR1002	Air temperature at RS10__, probe no. 02 at height 200 cm
AIRR1003	Air temperature at RS10__, probe no. 03 at height 200 cm
AIRR3802	Air temperature at RS38__, probe no. 02 at height 100 cm
AIRR3803	Air temperature at RS38__, probe no. 03 at height 100 cm
AIRR8602	Air temperature at RS86__, probe no. 02 at height 235 cm
AIRR8603	Air temperature at RS86__, probe no. 03 at height 235 cm
AIRR8902	Air temperature at RS89__, probe no. 02 at height 285 cm
AIRR8903	Air temperature at RS89__, probe no. 03 at height 285 cm

Enumerated Domain for Attribute: DBCODE

MS005	FSDB Database Code

Enumerated Domain for Attribute: QC_LEVEL

1A	Data is published and unlikely to change - automated range checking and manual review has been conducted. Quality is indicated in data value qualifier flags
1D	Data is published and unlikely to change - data is derived or aggregated from published data of level 1A
1P	Data is provisional and subject to revision - preliminary quality checks have been performed
2A	Data is published and unlikely to change - Level 1A data has been modified such that data gaps may be filled or problem data may be removed
2D	Data is published and unlikely to change - data is derived or aggregated from published data of level 2A

Enumerated Domain for Attribute: EVENT_CODE

CALIBR	Associated with the inspection or replacement of sensors for calibration
INSREM	Sensor is installed or removed
LOGGER	Change in data logger, data logger program, or wiring
MAINTE	A maintenance event has occurred
METHOD	Change in data collection method
NA	No event is reported (not applicable)
QUALTY	Event may directly affect data quality
WEATHR	A weather event has occurred that may affect reading

Enumerated Domain for Attribute: SOILTEMP_METHOD

SOI115	Mean daily soil temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 20 cm depth
SOI116	Mean daily (sunrise to sunrise) soil temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 20 cm depth
SOI023	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 10 cm depth; mean temperature is output every 6 hours
SOI024	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 20 cm depth; mean temperature is output every 6 hours
SOI025	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 30 cm depth; mean temperature is output every 6 hours
SOI020	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 10 cm depth with a Campbell Scientific data logger; mean temperature is output every 6 hours
SOI021	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 20 cm depth with a Campbell Scientific data logger; mean temperature is output every 6 hours
SOI022	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 30 cm depth with a Campbell Scientific data logger; mean temperature is output every 6 hours
SOI117	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 10 cm depth (Daily output only)
SOI118	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 20 cm depth (Daily output only)
SOI119	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 30 cm depth (Daily output only)
SOI026	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 10 cm depth with a Campbell Scientific data logger; mean temperature is output every 5 minutes
SOI027	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 20 cm depth with a Campbell Scientific data logger; mean temperature is output every 5 minutes
SOI028	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 30 cm depth with a Campbell Scientific data logger; mean temperature is output every 5 minutes
SOI029	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 10 cm depth; mean temperature is output every 5 minutes
SOI030	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 20 cm depth; mean temperature is output every 5 minutes
SOI031	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 30 cm depth; mean temperature is output every 5 minutes
SOI120	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 10 cm depth (See Method SOI020)
SOI121	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 20 cm depth (See Method SOI021)
SOI122	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 30 cm depth (See Method SOI022)
SOI123	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is Campbell Scientific model 107 thermistor at 10 cm depth (See Method SOI023)
SOI124	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is Campbell Scientific model 107 thermistor at 20 cm depth (See Method SOI024)

SOI125	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is Campbell Scientific model 107 thermistor at 30 cm depth (See Method SOI025)
SOI126	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Type T thermocouple wire at 10 cm depth (See Method SOI026)
SOI127	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Type T thermocouple wire at 20 cm depth (See Method SOI027)
SOI128	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Type T thermocouple wire at 30 cm depth (See Method SOI028)
SOI129	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Campbell Scientific model 107 thermistor at 10 cm depth (See Method SOI029)
SOI130	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Campbell Scientific model 107 thermistor at 20 cm depth (See Method SOI030)
SOI131	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Campbell Scientific model 107 thermistor at 30 cm depth (See Method SOI031)

Enumerated Domain for Attribute: SOILTEMP_MEAN_FLAG

E	Estimated value
M	Missing value
Q	Questionable value
S	Daily value based on sunrise to sunrise (not midnight to midnight)
A	Accepted value has passed all QC tests applied as represented by the quality level

Enumerated Domain for Attribute: PROBE_CODE

AIRO1301	Air temperature at RS13O_, probe no. 01 at height 435 cm, discontinued 2003
AIRR0101	Air temperature at RS01__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0201	Air temperature at RS02__, probe no. 01 at height 225 cm, discontinued 2015
AIRR0301	Air temperature at RS03__, probe no. 01 at height 235 cm, discontinued 1995
AIRR0401	Air temperature at RS04__, probe no. 01 at height 325 cm, discontinued 2015
AIRR0501	Air temperature at RS05__, probe no. 01 at height 200 cm, discontinued 2017
AIRR0601	Air temperature at RS06__, probe no. 01 at height 100 cm, discontinued 1975
AIRR0701	Air temperature at RS07__, probe no. 01 at height 100 cm, discontinued 1995
AIRR0801	Air temperature at RS08__, probe no. 01 at height 100 cm, discontinued 1973
AIRR0901	Air temperature at RS09__, probe no. 01 at height 100 cm, discontinued 1975
AIRR1001	Air temperature at RS10__, probe no. 01 at height 200 cm, discontinued 2017
AIRR1101	Air temperature at RS11__, probe no. 01 at height 100 cm, discontinued 1977
AIRR1201	Air temperature at RS12__, probe no. 01 at height 190 cm, discontinued 2015
AIRR1301	Air temperature at RS13__, probe no. 01 at height 275 cm, discontinued 2003

AIRR1401	Air temperature at RS14__, probe no. 01 at height 285 cm, discontinued 2003
AIRR1501	Air temperature at RS15__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1601	Air temperature at RS16__, probe no. 01 at height 180 cm, discontinued 1994
AIRR1701	Air temperature at RS17__, probe no. 01 at height 60 cm, discontinued 1995
AIRR1801	Air temperature at RS18__, probe no. 01 at height 100 cm, discontinued 1974
AIRR1901	Air temperature at RS19__, probe no. 01 at height 100 cm, discontinued 1973
AIRR2001	Air temperature at RS20__, probe no. 01 at height 220 cm, discontinued 2015
AIRR2401	Air temperature at RS24__, probe no. 01 at height 220 cm, discontinued 2004
AIRR2601	Air temperature at RS26__, probe no. 01 at height 200 cm, discontinued 2015
AIRR8601	Air temperature at RS86__, probe no. 01 at height 235 cm, discontinued 2017
AIRR8901	Air temperature at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRT3101	Air temperature at TS31__, probe no. 01 at height 100 cm, discontinued 1976
AIRT3201	Air temperature at TS32__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3301	Air temperature at TS33__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3401	Air temperature at TS34__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3501	Air temperature at TS35__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3601	Air temperature at TS36__, probe no. 01 at height 100 cm, discontinued 1975
AIRT3701	Air temperature at TS37__, probe no. 01 at height 100 cm, discontinued 1976
AIRR3801	Air temperature at RS38__, probe no. 01 at height 100 cm, discontinued 2017
AIRT7401	Air temperature at TS74__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7501	Air temperature at TS75__, probe no. 01 at height 100 cm, discontinued 1990
AIRT7601	Air temperature at TS76__, probe no. 01 at height 100 cm, discontinued 1975
AIRT7701	Air temperature at TS77__, probe no. 01 at height 100 cm, discontinued 1975
SOIO1302	Soil temperature at RS13O_, probe no. 02 at depth 20 cm, discontinued 2003
SOIR0102	Soil temperature at RS01__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0201	Soil temperature at RS02__, probe no. 01 at depth 10 cm
SOIR0202	Soil temperature at RS02__, probe no. 02 at depth 20 cm
SOIR0203	Soil temperature at RS02__, probe no. 03 at depth 30 cm
SOIR0302	Soil temperature at RS03__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0401	Soil temperature at RS04__, probe no. 01 at depth 10 cm
SOIR0402	Soil temperature at RS04__, probe no. 02 at depth 20 cm
SOIR0403	Soil temperature at RS04__, probe no. 03 at depth 30 cm
SOIR0501	Soil temperature at RS05__, probe no. 01 at depth 10 cm
SOIR0502	Soil temperature at RS05__, probe no. 02 at depth 20 cm

SOIR0503	Soil temperature at RS05__, probe no. 03 at depth 30 cm
SOIR0602	Soil temperature at RS06__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR0702	Soil temperature at RS07__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR0802	Soil temperature at RS08__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR0902	Soil temperature at RS09__, probe no. 02 at depth 20 cm, discontinued 1975
SOIR1001	Soil temperature at RS10__, probe no. 01 at depth 10 cm
SOIR1002	Soil temperature at RS10__, probe no. 02 at depth 20 cm
SOIR1003	Soil temperature at RS10__, probe no. 03 at depth 30 cm
SOIR1102	Soil temperature at RS11__, probe no. 02 at depth 20 cm, discontinued 1977
SOIR1201	Soil temperature at RS12__, probe no. 01 at depth 10 cm
SOIR1202	Soil temperature at RS12__, probe no. 02 at depth 20 cm
SOIR1203	Soil temperature at RS12__, probe no. 03 at depth 30 cm
SOIR1302	Soil temperature at RS13__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1401	Soil temperature at RS14__, probe no. 01 at depth 10 cm, discontinued 2003
SOIR1402	Soil temperature at RS14__, probe no. 02 at depth 20 cm, discontinued 2003
SOIR1403	Soil temperature at RS14__, probe no. 03 at depth 30 cm, discontinued 2003
SOIR1502	Soil temperature at RS15__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1602	Soil temperature at RS16__, probe no. 02 at depth 20 cm, discontinued 1994
SOIR1702	Soil temperature at RS17__, probe no. 02 at depth 20 cm, discontinued 1995
SOIR1802	Soil temperature at RS18__, probe no. 02 at depth 20 cm, discontinued 1974
SOIR1902	Soil temperature at RS19__, probe no. 02 at depth 20 cm, discontinued 1973
SOIR2001	Soil temperature at RS20__, probe no. 01 at depth 10 cm
SOIR2002	Soil temperature at RS20__, probe no. 02 at depth 20 cm
SOIR2003	Soil temperature at RS20__, probe no. 03 at depth 30 cm
SOIR2401	Soil temperature at RS24__, probe no. 01 at depth 10 cm, discontinued 2004
SOIR2402	Soil temperature at RS24__, probe no. 02 at depth 20 cm, discontinued 2004
SOIR2403	Soil temperature at RS24__, probe no. 03 at depth 30 cm, discontinued 2004
SOIR2601	Soil temperature at RS26__, probe no. 01 at depth 10 cm
SOIR2602	Soil temperature at RS26__, probe no. 02 at depth 20 cm
SOIR2603	Soil temperature at RS26__, probe no. 03 at depth 30 cm
SOIR8601	Soil temperature at RS86__, probe no. 01 at depth 10 cm
SOIR8602	Soil temperature at RS86__, probe no. 02 at depth 20 cm
SOIR8603	Soil temperature at RS86__, probe no. 03 at depth 30 cm
SOIR8901	Soil temperature at RS89__, probe no. 01 at depth 10 cm

SOIR8902	Soil temperature at RS89__, probe no. 02 at depth 20 cm
SOIR8903	Soil temperature at RS89__, probe no. 03 at depth 30 cm
SOIT3102	Soil temperature at TS31__, probe no. 02 at depth 20 cm, discontinued 1976
SOIT3202	Soil temperature at TS32__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3302	Soil temperature at TS33__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3402	Soil temperature at TS34__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3502	Soil temperature at TS35__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3602	Soil temperature at TS36__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT3702	Soil temperature at TS37__, probe no. 02 at depth 20 cm, discontinued 1976
SOIR3801	Soil temperature at RS38__, probe no. 01 at depth 10 cm
SOIR3802	Soil temperature at RS38__, probe no. 02 at depth 20 cm
SOIR3803	Soil temperature at RS38__, probe no. 03 at depth 30 cm
SOIT7402	Soil temperature at TS74__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7502	Soil temperature at TS75__, probe no. 02 at depth 20 cm, discontinued 1990
SOIT7602	Soil temperature at TS76__, probe no. 02 at depth 20 cm, discontinued 1975
SOIT7702	Soil temperature at TS77__, probe no. 02 at depth 20 cm, discontinued 1975
RELR8601	Relative humidity at RS86__, probe no. 01 at height 235 cm, discontinued 2017
RELR8901	Relative humidity at RS89__, probe no. 01 at height 285 cm, discontinued 2017
AIRR0202	Air temperature at RS02__, probe no. 02 at height 225 cm
AIRR0203	Air temperature at RS02__, probe no. 03 at height 225 cm
AIRR0402	Air temperature at RS04__, probe no. 02 at height 325 cm
AIRR0403	Air temperature at RS04__, probe no. 03 at height 325 cm
AIRR1202	Air temperature at RS12__, probe no. 02 at height 190 cm
AIRR1203	Air temperature at RS12__, probe no. 03 at height 190 cm
AIRR2002	Air temperature at RS20__, probe no. 02 at height 220 cm
AIRR2003	Air temperature at RS20__, probe no. 03 at height 220 cm
AIRR2602	Air temperature at RS26__, probe no. 02 at height 200 cm
AIRR2603	Air temperature at RS26__, probe no. 03 at height 200 cm
AIRR0502	Air temperature at RS05__, probe no. 02 at height 200 cm
AIRR0503	Air temperature at RS05__, probe no. 03 at height 200 cm
AIRR1002	Air temperature at RS10__, probe no. 02 at height 200 cm
AIRR1003	Air temperature at RS10__, probe no. 03 at height 200 cm
AIRR3802	Air temperature at RS38__, probe no. 02 at height 100 cm
AIRR3803	Air temperature at RS38__, probe no. 03 at height 100 cm

AIRR8602	Air temperature at RS86__, probe no. 02 at height 235 cm
AIRR8603	Air temperature at RS86__, probe no. 03 at height 235 cm
AIRR8902	Air temperature at RS89__, probe no. 02 at height 285 cm
AIRR8903	Air temperature at RS89__, probe no. 03 at height 285 cm

Enumerated Domain for Attribute: DBCODE

MS005	FSDB Database Code

Enumerated Domain for Attribute: QC_LEVEL

1A	Data is published and unlikely to change - automated range checking and manual review has been conducted. Quality is indicated in data value qualifier flags
1D	Data is published and unlikely to change - data is derived or aggregated from published data of level 1A
1P	Data is provisional and subject to revision - preliminary quality checks have been performed
2A	Data is published and unlikely to change - Level 1A data has been modified such that data gaps may be filled or problem data may be removed
2D	Data is published and unlikely to change - data is derived or aggregated from published data of level 2A

Enumerated Domain for Attribute: EVENT_CODE

CALIBR	Associated with the inspection or replacement of sensors for calibration
INSREM	Sensor is installed or removed
LOGGER	Change in data logger, data logger program, or wiring
MAINTE	A maintenance event has occurred
METHOD	Change in data collection method
NA	No event is reported (not applicable)
QUALTY	Event may directly affect data quality
WEATHR	A weather event has occurred that may affect reading

Enumerated Domain for Attribute: SOILTEMP_METHOD

SOI115	Mean daily soil temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 20 cm depth
SOI116	Mean daily (sunrise to sunrise) soil temperature is determined from digitizing circular Partlow charts. Temperature is recorded by a Dual Recording Thermometer Model RFHTT with mercury bulb at 20 cm depth
SOI023	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 10 cm depth; mean temperature is output every 6 hours
SOI024	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 20 cm depth; mean temperature is output every 6 hours
SOI025	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 30 cm depth; mean temperature is output every 6 hours
SOI020	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 10 cm depth with a Campbell Scientific data logger; mean temperature is output every 6 hours
SOI021	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 20 cm depth with a Campbell Scientific data logger; mean temperature is output every 6 hours
SOI022	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 30 cm depth with a Campbell Scientific data logger; mean temperature is output every 6 hours
SOI117	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T

	thermocouple soldered from thermocouple wire at 10 cm depth (Daily output only)
SOI118	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 20 cm depth (Daily output only)
SOI119	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 30 cm depth (Daily output only)
SOI026	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 10 cm depth with a Campbell Scientific data logger; mean temperature is output every 5 minutes
SOI027	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 20 cm depth with a Campbell Scientific data logger; mean temperature is output every 5 minutes
SOI028	Soil temperature is sampled by type T thermocouple soldered from thermocouple wire at 30 cm depth with a Campbell Scientific data logger; mean temperature is output every 5 minutes
SOI029	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 10 cm depth; mean temperature is output every 5 minutes
SOI030	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 20 cm depth; mean temperature is output every 5 minutes
SOI031	Soil temperature is sampled by a Campbell Scientific model 107 thermistor at 30 cm depth; mean temperature is output every 5 minutes
SOI120	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 10 cm depth (See Method SOI020)
SOI121	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 20 cm depth (See Method SOI021)
SOI122	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is type T thermocouple soldered from thermocouple wire at 30 cm depth (See Method SOI022)
SOI123	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is Campbell Scientific model 107 thermistor at 10 cm depth (See Method SOI023)
SOI124	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is Campbell Scientific model 107 thermistor at 20 cm depth (See Method SOI024)
SOI125	Mean daily, max and min soil temperature is calculated by the Campbell Scientific datalogger based on 15 second samples. Instrument is Campbell Scientific model 107 thermistor at 30 cm depth (See Method SOI025)
SOI126	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Type T thermocouple wire at 10 cm depth (See Method SOI026)
SOI127	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Type T thermocouple wire at 20 cm depth (See Method SOI027)
SOI128	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Type T thermocouple wire at 30 cm depth (See Method SOI028)
SOI129	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Campbell Scientific model 107 thermistor at 10 cm depth (See Method SOI029)
SOI130	Mean daily soil temperature is post-calculated from all 5 minute mean values for the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Campbell Scientific model 107 thermistor at 20 cm depth (See Method SOI030)
SOI131	Mean daily soil temperature is post-calculated from all 5 minute mean values for

	the day. Max-min values are based on 5 minute mean intervals and not instantaneous values. Campbell Scientific model 107 thermistor at 30 cm depth (See Method SOI031)

Enumerated Domain for Attribute: EXPOSURE

C	Closed canopy
O	Open canopy

Enumerated Domain for Attribute: FD1

	Good value
M	Missing

Enumerated Domain for Attribute: FD2

	Good value
M	Missing

Enumerated Domain for Attribute: FD3

	Good value
M	Missing

Enumerated Domain for Attribute: FD4

	Good value
M	Missing

Enumerated Domain for Attribute: PS_FLAG

M	Missing
E	Estimate
	Good value

Enumerated Domain for Attribute: TGI_FLAG

	Good value
M	Missing

Enumerated Domain for Attribute: DBCODE

MS005	FSDB Database Code