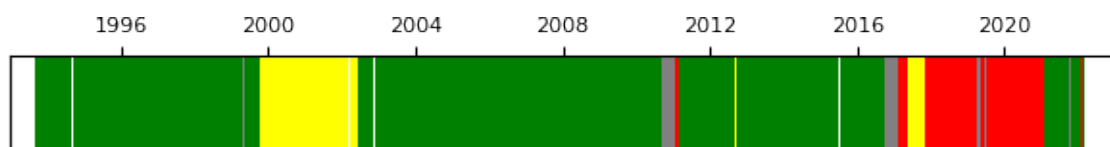


Lamont, OK (Extended and Co-located with C1)

Atmospheric Radiation Measurement User Facility

MET
sgpmetE13.b1



ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
sgpmetE13.b1	D201125.7	suspect	Ice Storm	20201026.000000	20201029.235959
sgpmetE13.b1	D960322.1	incorrect	SGP/SMOS/E13 - Incorrect data	19951219.193500	19951220.150100
sgpmetE13.b1	D950808.3	incorrect	SGP/SMOS/E13 - All data bad - internal battery voltage low	19950718.123000	19950718.160000
sgpmetE13.b1	D950828.5	suspect	SGP/SMOS/E13 - Tower lowered for maintenance	19950825.150700	19950825.154000
sgpmetE13.b1	D080820.9	missing	SGP/SMOS/E13 - Missing Data	20080426.000000	20080428.130000
sgpmetE13.b1	D080820.8	missing	SGP/SMOS/E13 - Missing Data	20020309.200000	20020311.203000
sgpmetE13.b1	D991109.11	missing	SG/SMOS/E13 - E13 SMOS down for tower replacement	19990414.210000	19990503.205500
sgpmetE13.b1	D171013.2	missing	SGP/MET/E13 - Data Processing Error	20170919.102500	20170927.193400
sgpmetE13.b1	D171117.2	missing	SGP/MET/E13 - Power Interruption	20171028.145700	20171030.142600
sgpmetE13.b1	D151218.8	suspect	SGP/MET/E13 - Data suspect due to system power issues	20151130.165400	20151204.151600
sgpmetE13.b1	D120928.1	suspect	SGP/MET/E13 - Low logger voltage	20120908.205200	20120916.143900
sgpmetE13.b1	D211022.8	missing	Intermittent Missing Optical Rain Gauge Data	20210922.195300	20211021.151000
sgpmetE13.b1	D200318.4	suspect	Optical Rain Gauge Overestimating Precipitation	20161003.161600	20200306.222000
sgpmetE13.b1	D180406.8	suspect	Optical rain gauge reporting higher amounts of precipitation	20180319.100000	20180407.030000
sgpmetE13.b1	D170327.5	incorrect	SGP/MET/E13 - Optical rain gauge data incorrect after power outage	20170306.195100	20170323.212700
sgpmetE13.b1	D170303.6	incorrect	SGP/MET/E13 - Optical rain gauge data parsing error	20170201.000000	20170222.214459
sgpmetE13.b1	D170531.1	incorrect	SGP/MET/E13 - Optical rain gauge data incorrect after power outage	20170323.212800	20170516.182759
sgpmetE13.b1	D170201.1	missing	SGP/MET/E13 - Optical rain gauge data missing	20161003.161600	20170131.205700
sgpmetE13.b1	D190723.4	missing	Present Weather Data Missing	20190609.162100	20190628.191500
sgpmetE13.b1	D181105.9	incorrect	Present weather precipitation and type incorrect	20180906.004900	20180920.201500
sgpmetE13.b1	D170327.3	incorrect	SGP/MET/E13 - Present weather detector data incorrect after power outage	20170306.195100	20170324.182259
sgpmetE13.b1	D110419.1	missing	SGP/MET/E13 - Missing PWD data	20100909.000000	20110110.200000
sgpmetE13.b1	D110415.2	incorrect	SGP/MET/E13 - PWD data incorrect/missing	20110115.130000	20110218.220000
sgpmetE13.b1	D210210.5	incorrect	Incorrect Precipitation Rates Over 10 mm/hr from Present Weather Detector	20200811.045800	20200811.050800
sgpmetE13.b1	D170321.8	suspect	SGP/MET/E13 - Temperature/humidity sensor occasionally failed 6-month field calibration checks	19991007.000000	20020614.235959
sgpmetE13.b1	D220218.3	incorrect	Rain Gauge Heater Failed	20220202.064800	20220205.200300
sgpmetE13.b1	D211026.3	suspect	Possible Rain Gauge Obstruction	20211002.000000	20211004.235900
sgpmetE13.b1	D210224.6	incorrect	Rain Gauge Not Registering Snow	20210214.000000	20210216.235900
sgpmetE13.b1	D190418.3	suspect	Questionable Data	20190330.000000	20190407.180000
sgpmetE13.b1	D190624.1	incorrect	Precipitation Data Incorrect	20190609.120000	20190618.202000

ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
sgpmetE13.b1	D171102.3	incorrect	SGP/MET/STAMP/E13 - Precipitation not Real	20171016.210000	20171016.220000
sgpmetE13.b1	D180226.2	suspect	SGP/MET/STAMP/All - Freezing Rain Event	20180220.000000	20180224.235959
sgpmetE13.b1	D180221.10	incorrect	SGP/MET/E13 - False corrected precipitation data	20080618.144100	20080618.144159
sgpmetE13.b1	D161021.7	incorrect	SGP/MET/E13 - False corrected precipitation values	20160923.152000	20160923.152159
sgpmetE13.b1	D161020.1	incorrect	SGP/MET/E13 - Data Spikes	20040726.234500	20040727.010000
sgpmetE13.b1	D180111.4	incorrect	SGP/MET/E13 - Wind data incorrect	20180110.200800	20180111.190059
sgpmetE13.b1	D170123.1	incorrect	SGP/MET/E11/E13/E15/E21/E31/E32/E33/E34/E35/E36/E37/E38/E39/E40/E41/E9 - Ice storm affected winds	20170114.000000	20170116.235959
sgpmetE13.b1	D140103.2	incorrect	SGP/MET/E13 - Ice on wind sensor	20131221.184200	20131223.194000
sgpmetE13.b1	D170420.1	incorrect	SGP/MET/E13 - Wind speed incorrect	20170406.191000	20170417.154100
sgpmetE13.b1	D161020.2	incorrect	SGP/MET/E13 - Wind Values Incorrect	20040726.140800	20040726.141000

ARM Data Object Identifier (DOI) Table

Instrument	DOI
MET	Kyrouac, J., & Shi, Y. Surface Meteorological Instrumentation (MET). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1786358