

NOTE: The document that describes the conversion and checking process can be found at <https://docs.google.com/document/d/1vAv5pVsrDzqYG1StRf1aLoFMHHCUCqdWeAQpejbnBtuw/edit?tab=t.0> and is named "QCF to NetCDF Conversion Process".

Pink background indicates HIGH Priority to be converted and were determined by Scientific Staff (S. Loehrer).
Green backgrounds indicates converted.
Gray background indicates Do Not Do.

DataSet Info for all QCF/Surface datasets in the FDA. Only convert Composite Datasets and not individual datasets.	Dataset Title	All Steps Done? Y/N	Staff Doing Conversion	Conversion s/w ready? Y/N	Any bad dates in data files? Y/N	Conversion & Checking Completed? Y/N	Loaded into Zinc? Y/N	CheckSums Created/ Updated? Y/N	OPeNDAP applied & checked for QCF & NetCDF? Y/N	DOI Updated? Y/N	Notes
8852 1.33 D station_id is 10 chars instead of 15 chars, not standard file naming, no	STORM-FEST Hourly Surface Land Composite	Y	JNS	Y	Y - hrly_213, hrly_215, hrly_228, hrly_301, hrly_312	Y	Y	Y	Y	Y	
8855 85.116 D @	BAMEX Surface Meteorological (1-minute) Multi-Network Composite [NCAR/EOL]	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8862 1.38 D different format (no nominal date/time, 10 char station_id)	STORM-FEST 5-minute Surface Land Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8867 1.77 D 2 digit year for file name	VORTEX-94 High-Resolution Surface Composite	Y. See Notes.	DC	Y	N	Y	Y	Y	Y	Y	This dataset was already associated in the DTS with the VORTEX (1994) project, so LEC removed its association with the Legacy_Project. LEC requested that the VORTEX 1994 project be made active again. It is now active. 4th run completed
8872 1.91 D not standard file naming and 2 digit year for file name	VORTEX-95 High Resolution Surface Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8873 14.003 D not standard file naming and 2 digit year for file name	Lake-ICE Surface: 5-minute Surface Meteorological Composite	Y	LEC	Y	N	Y	Y	Y	Y	Y	LEC did NOT find any odd/bad Dates/Times in the input data. Verified cloud flags updated in run 4 and all other checks looked good. Y - 4th run completed
8874 14.004 D not standard file naming and 2 digit year for file name	Lake-ICE Surface: 20-minute Surface Meteorological Composite	Y	LEC	Y	N	Y	Y	Y	Y	Y	LEC did NOT find any odd/bad Dates/Times in the input data. Verified cloud flags updated in run 4 and all other checks looked good. Y - 4th run completed
8875 14.005 D not standard file naming and 2 digit year for file name	Lake-ICE Surface: Hourly Surface Meteorological Composite	Y	LEC	Y	N	Y	Y	Y	Y	Y	LEC did NOT find any odd/bad Dates/Times in the input data. Verified cloud flags updated in run 4 and all other checks looked good. Y - 4th run completed
8885 2.001 D not standard file naming and 2 digit year for file name	STORM-WAVE 5-Minute Surface Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8886 2.002 D not standard file naming and 2 digit year for file name	STORM-WAVE 20 Minute Surface Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8887 2.003 D not standard file naming and 2 digit year for file name	STORM-WAVE Hourly Surface Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8903 77.110 PASSWORD - So No OPeNDAP.	IHOP 2002 Surface Meteorological (5-minute) Multi-Network Composite [NCAR/EOL]	Y. See Notes.	DC	Y	N	Y	Y	Y	N/A	Y	NetCDF files created, loaded and orderable in this dataset. 4th run completed
8905 77.112 D @	IHOP 2002 Surface Meteorological (Hourly) Multi-Network Composite [NCAR/EOL]	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8906 85.118 D @	BAMEX Surface Meteorological (Hourly) Multi-Network Composite [NCAR/EOL]	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
849 19.014 D different format (u/v wind and only HH:MM for times))	GCIP/NESOB-96 Surface: Hourly Surface Meteorological Composite	Y	LEC	Y	N	Y	Y	Y	Y	Y	LEC did NOT find any odd/bad Dates/Times in the input data. Verified cloud flags updated in run 4 and all other checks looked good. (Original Note: The gust indicator is often "blank" and so the netCDF shows a blank instead of a missing value. Should the blank gusts be set to missing? to Zero? to "-"? The conversion is correct so leave "as is".) Y - 4th run completed.
8853 1.65 D station_id is 10 chars instead of 15 chars, 2 digit year for file name	GCIP/GIDS-1: Hourly Surface Composite	Y	LEC	Y	N	Y	Y	Y	Y	Y	LEC did NOT find any odd/bad Dates/Times in the input data. Verified cloud flags updated in run 4 and all other checks looked good. Y - 4th run completed.
8856 1.001 D not standard file naming and 2 digit year for file name	GCIP/ESOP-95 Surface: 5-minute Surface Meteorological Composite	Y	LEC	Y	N	Y	Y	Y	Y	Y	LEC did NOT find any odd/bad Dates/Times in the input data. Verified cloud flags updated in run 4 and all other checks looked good. Y - 4th run completed.
8857 1.002 D not standard file naming and 2 digit year for file name	GCIP/ESOP-95 Surface: 20-minute Surface Meteorological Composite	Y	LEC	Y	N	Y	Y	Y	Y	Y	LEC did NOT find any odd/bad Dates/Times in the input data. Verified cloud flags updated in run 4 and all other checks looked good. Y - 4th run completed.
8858 1.003 D not standard file naming and 2 digit year for file name	GCIP/ESOP-95 Surface: Hourly Surface Meteorological Composite	Y	LEC	Y	N	Y	Y	Y	Y	Y	LEC did NOT find any odd/bad Dates/Times in the input data. Verified cloud flags updated in run 4 and all other checks looked good. Y - 4th run completed.
8910 40.010 D different format (u/v wind, only 2 digit year and only HH:MM for times), Same format as 19.014.	GCIP/NESOB-97 Surface: Hourly Surface Meteorological Composite	Y	LEC	Y	N	Y	Y	Y	Y	Y	LEC did NOT find any odd/bad Dates/Times in the input or output data. Verified cloud flags updated in run 4 and all other checks looked good. Y - 4th run completed.
8869 1.79 D 2 digit year for file name	GCIP/GIST Surface 5-Minute Surface Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8870 1.80 D 2 digit year for file name	GCIP/GIST Surface Hourly Surface Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8877 16.001 D 2 digit year for file name	GCIP/ESOP-96 Surface: Hourly Surface Meteorological Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8880 17.020 D not standard file naming and 2 digit year for file name	GCIP/ESOP-97 Surface: Hourly Surface Meteorological Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8883 18.020 D not standard file naming and 2 digit year for file name	GCIP/ESOP-98 Surface: Hourly Surface Meteorological Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8891 24.009 D 2 digit year for file name	GCIP/EAOP-98 Surface: Hourly Surface Meteorological Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8896 37.017 D 2 digit year for file name	GCIP/EAOP-99 Surface: Hourly Surface Meteorological Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8898 38.039 D @	GCIP/LA-NW 99 Surface: Hourly Surface Meteorological Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8901 55.024 D @	GCIP/LA-NW 00 Surface: Hourly Surface Meteorological Composite	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8902 77.109 D @	IHOP 2002 Surface Meteorological (1-minute) Multi-Network Composite [NCAR/EOL]	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8904 77.111 D @	IHOP 2002 Surface Meteorological (Miscellaneous) Multi-Network Composite [NCAR/EOL]	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed

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Gray background indicates **Do Not Do**.

		All Steps Done? Y/N									
DataSet Info for all QCF/Surface datasets in the FDA. Only convert Composite Datasets and not individual datasets.	Dataset Title		Staff Doing Conversion	Conversion s/w ready? Y/N	Any bad dates in data files? Y/N	Conversion & Checking Completed? Y/N	Loaded into Zinc? Y/N	CheckSums Created/Updated? Y/N	OPeNDAP applied & checked for QCF & NetCDF? Y/N	DOI Updated? Y/N	Notes
8907 85.119 D @	BAMEX Surface Meteorological (Miscellaneous) Multi-Network Composite [NCAR/EOL]	Y	DC	Y	N	Y	Y	Y	Y	Y	4th run completed
8854 1.76 HIDDEN	VORTEX Partial High-Resolution Surface Composite										
6489 92.120 D different format (no seconds on time), not standard file naming, only	T-REX, University of Innsbruck Weather Station on Wheels, (WOW) QCF Data										
8859 1.004 D not standard file naming and 2 digit year for file name	GCIP/ESOP-95: NCDC SAO Specials Dataset										
8860 1.31 S different format (no nominal date/time) NO DOCUMENTATION	STORM-FEST 1-minute PAM II Mesonet Data										
8861 1.36 D different format (short station and no nominal date/time) NO DOCUMENTATION	STORM-FEST AWOS Network Data										
8863 1.43 D different format (no nominal date/time) NO DOCUMENTATION	STORM-FEST: Topeka ASOS 1-minute Data										
8864 1.44 D different format (no nominal date/time) NO DOCUMENTATION	STORM-FEST: Iowa AWOS Network Data										
8865 1.51 D different format (no nominal date/time) NO DOCUMENTATION	STORM-FEST: SAO Special Observations										
8866 1.74 D different format (no nominal date/time)	GCIP/GIDS-1: SAO Special Observations										
8868 1.78 D 2 digit year for file name	GCIP/GIST: AWOS Data with QC, 20-Minute										
8871 1.81 D 2 digit year for file name	VORTEX, GCIP/GIST SAO Special Observations										
8876 14.007 D not standard file naming and 2 digit year for file name	Lake-ICE Surface: Specials Composite										
8878 16.002 D 2 digit year for file name	GCIP/ESOP-96: NCDC SAO Specials Dataset										
8879 17.019 D not standard file naming and 2 digit year for file name	GCIP/ESOP-97 Surface: Special Surface Observations Composite										
8881 17.021 D not standard file naming and 2 digit year for file name	GCIP/ESOP-97: MNBBS AWOS/ASOS Surface										
8882 18.019 D not standard file naming and 2 digit year for file name	GCIP/ESOP-98 Surface: Special Surface Observations Composite										
8884 18.021 D not standard file naming and 2 digit year for file name	GCIP/ESOP-98: MNBBS ASOS/AWOS Surface										
8888 2.004 D not standard file naming and 2 digit year for file name	STORM-WAVE: NCDC SAO Specials Dataset										
8889 21.002 HIDDEN	GCIP/EOP Surface: OKMESO 5-Minute Meteorological (derived)										
8890 21.022 HIDDEN	SGP99 Surface: OKMESO 5-Minute Meteorological (derived) Summary										
8892 24.010 D 2 digit year for file name	GCIP/EAOP-98 Surface: Special Surface Observations Composite										
8893 25.008 HIDDEN	SGP97 Surface: OKMESO 5-Minute Meteorological (derived)										
8894 25.033 D 2 digit year for file name	SGP97: NOAA Wind Profiler Network Hourly Surface Meteorological Data										
8895 37.015 D 2 digit year for file name	GCIP/EAOP-99 Surface: Special Surface Observations Composite										
8897 38.038 D @	GCIP/LSA-NW 99 Surface: Special Surface Observations Composite										
8899 48.012 D 2 digit year for file name	SGP99: NOAA Wind Profiler Network Hourly Surface										
8900 55.020 D @	GCIP/LSA-NW 00 Surface: Special Surface Observations Composite										
164 1.85 Qqc HIDDEN	VORTEX-95 Preliminary Surface Composite										
850 19.015 D Qqc u/v wind format, only 2 digit year and only HH:MM for times	GCIP/NESOB-96: ARM 5-Minute Surface Meteorological Dataset										
59 rows in set (43.63 sec)											
Following Datasets are either not QC'd or are Precip datasets and so will NOT be converted to netCDF. All of these datasets do not have OPeNDAP applied? Note that there are 3 different Precip dataset formats and they are "NOT" the same as the Surface QCF so Precip is not being converted at this time to netCDF.											
1395 17.016 D dqc snow format, no nominal date/time and only HH:MM for times	Daily Precip										This is Daily precip (*.dqc) and not Surface QCF.
1588 24.005 D dqc snow format, no nominal date/time and only HH:MM for times	Daily Precip										This is Daily precip (*.dqc) and not Surface QCF.
1597 18.022 D dqc snow format, no nominal date/time and only HH:MM for times	Daily Precip										This is Daily precip (*.dqc) and not Surface QCF.
1910 19.008 S Qqc soil format, only 2 digit year and only HH:MM for times	Not QC'd										
2374 19.009 S Qqc soil format, only 2 digit year and only HH:MM for times	Not QC'd										
2681 19.037 S Qqc soil format (different than other soil format), only 2 digit year	Not QC'd										
2739 25.023 S dqc snow format, no nominal date/time and only HH:MM for times	Daily Precip										This is Daily precip (*.dqc) and not Surface QCF.
2802 19.039 S Qqc clouds format and only HH:MM for times	Not QC'd										
2807 40.021 S Qqc snow format, no nominal date/time and only HH:MM for times	Not QC'd										
2816 40.039 S Qqc clouds format and only HH:MM for times	Not QC'd										
3006 37.012 S dqc snow format, no nominal date/time and only HH:MM for times	Daily Precip										This is Daily precip (*.dqc) and not Surface QCF.
3008 40.051 S Qqc u/v wind format, only 2 digit year and only HH:MM for times	Not QC'd										
3107 40.052 S Qqc soil format, only 2 digit year and only HH:MM for times	Not QC'd										
3139 48.006 D Qqc only 2 digit year sgp99/datsav3/nominals/ABBREV_SGP99_990707.Qqc	Not QC'd										
3140 48.016 D Qqc only 2 digit year sgp99/datsav3/specials/ABBREV_SGP99_990709.Qqc	Not QC'd										
3394 55.001 S dqc snow format, no nominal date/time and only HH:MM for times	Daily Precip										
3450 38.018 D Qqc only HH:MM for times	Not QC'd										

<p>NOTE: This spreadsheet contains information/status for the Surface QCF datasets converted from ASCII to netCDF formats. Once converted, the netCDF form of the data was added to FDA for each converted dataset and the OPeNDAP (immediate data access) capability/function was applied for the netCDF data. <i>This work was completed by EOL/DMS (L. Cully, J. Scannell, D. Choi, J. Frame with support from S. Loehrer.) This work began in Fall 2024 and was completed in January 2025.</i></p> <p>NOTE: The document that describes the conversion and checking process can be found at https://docs.google.com/document/d/1aVp5pB3zayYG1SfRE1aLoFMHICUCadWeAQpejbnBtuw/edit?tab=t.0 and is named "QCF to NetCDF Conversion Process" .</p>		<p>Pink background indicates HIGH Priority to be converted and were determined by Scientific Staff (S. Loehrer).</p> <p>Green backgrounds indicates converted.</p> <p>Gray background indicates Do Not Do.</p>									
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3452 55.014 D 0qc	Not QC'd										
3453 38.014 S 0qc	Not QC'd										
3454 38.016 S 0qc	Not QC'd										
3478 38.025 S 0qc	Not QC'd										
3479 55.026 S 0qc	Not QC'd										
3480 38.024 S 0qc	Not QC'd										
3534 55.025 S 0qc	Not QC'd										
3535 38.023 S 0qc	Not QC'd										
3537 55.032 S 0qc	Not QC'd										
3540 55.031 S 0qc	Not QC'd										
3541 55.033 S 0qc	Not QC'd										
3542 38.032 S 0qc	Not QC'd										
3543 38.033 S 0qc	Not QC'd										
3547 55.034 S 0qc	Not QC'd										
3548 55.035 S 0qc	Not QC'd										
3550 38.036 S 0qc	Not QC'd										
3551 38.037 D 0qc	Not QC'd										
3552 55.039 D 0qc	Not QC'd										
3553 55.040 D 0qc	Not QC'd										
3555 38.029 D 0qc	Not QC'd										
3556 55.030 D 0qc	Not QC'd										
3593 55.036 dqcf (dly in pqcf format) add to pqcf list	Daily Precip										This is Daily precip (*.dqcf) and not Surface QCF.
3594 38.035 dqcf (dly in pqcf format) add to pqcf list	Daily Precip										This is Daily precip (*.dqcf) and not Surface QCF.
3599 38.017 S 0qc	Not QC'd										
3892 45.102 S 0qc only 2 digit year and HH:MM for times	Not QC'd										
3893 45.103 S 0qc only 2 digit year cases99/datsav/specials/CASES99_991005.0qc	Not QC'd										
3894 45.104 S 0qc only 2 digit year cases99/asos/nominals/ASOS_CASES99_991002.0qc	Not QC'd										
3951 45.945 D 0qc	Not QC'd										
4241 38.030 D 0qc	Not QC'd										
4242 38.031 D 0qc	Not QC'd										
4592 45.105 D 0qc only 2 digit year cases99/asos/specials/ASOSSP_CASES99_990928.0qc	Not QC'd										
6311 82.163 0qc.gz check format name/surface/NMSU/0qc	Not QC'd										
6312 82.164 0qc.gz check format name/surface/LDMSFCMETR	Not QC'd										
6313 82.165 0qc.gz check format name/surface/LDMSFCMETR	Not QC'd										
6314 82.166 0qc.gz check format name/surface/MADIS/specials	Not QC'd										
6315 82.168 0qc.gz check format name/surface/MADIS/nominals	Not QC'd										
6384 85.0991 D 0qc snow format, no nominal date/time and only HH:MM for times	Not QC'd										
6486 92.112 D 0qc	Not QC'd										
8615 38.015 D 0qc	Not QC'd										
3591 55.015 S pqc different format (QCF snow)	Hourly Precip										This is precip (*.pqc) and not surface (*.qcf)?
3595 48.055 S pqc different format (QCF snow)	Hourly Precip										This is precip (*.pqc) and not surface (*.qcf)?
6259 77.116 S pqc different format (QCF snow)	Hourly Precip										This is precip (*.pqc) and not surface (*.qcf)?