



Climate and Oceans Support
Program in the Pacific

CliDE and the PCCDP

Module X: 13/10/2022





Climate and Oceans Support

Demonstration on extracting data from CliDE using FSM as an example. Begin by going to the CliDE homepage



Station Maintenance

Keyboard Data Entry

Data Ingestion

Data Quality Assurance

Products

Settings

About

Help

 bom/simon ▾



Developed by



Australian Government

Bureau of Meteorology



Funded by





Step 1. Go to station maintenance, select your station

Climate and Ocean Program in

CLIDE 6 - Climate Database

fsm.clide.cloud/station-maintenance/

Station Maintenance

Keyboard Data Entry | Data Ingestion | Data Quality Assurance | Products | Settings | About | Help

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Station Maintenance

Stations

Number	Name	Region	Status
40605	Kusaie AF	Kosrae	Closed
40606	Kusaie Island Caroline Is...	Kosrae	Closed
41303	Potangeras Caroline	Yap	Closed
912020	Uliithi AWS	Yap	Open
912030	Falalop Island (Cg), Uliit...	Yap	Open
912040	Uliithi, Uliithi Atoll	Yap	Open
913150	Eauripik	Yap	Open
913170	Woleai Atoll	Yap	Open
913200	Onoun	Chuuk	Open
913240	Polowat	Chuuk	Open
913250	Pulusuk	Chuuk	Closed
913280	Uluu Atoll	Chuuk	Closed
913290	Fanau	Chuuk	Open
913340	Chuuk WSO Airport	Chuuk	Open
913360	Losap Island	Chuuk	Open
913380	Satawan Atoll AWS	Chuuk	Closed
913390	Lukunoch	Chuuk	Open
913430	Oroluk Atoll AWS	Pohnpei	Closed
913480	Pohnpei WSO	Pohnpei	Open
913481	Pohnpei International Air...	Pohnpei	Open
913490	FSM Tide Gauge	Pohnpei	Open
913500	Mwoakillo	Pohnpei	Closed
913520	Pingelap Atoll AWS	Pohnpei	Closed
913530	Pingelap	Pohnpei	Open
913550	Kosrae Atoll AWS Caroline...	Kosrae	Closed
913560	Kosrae International Airport	Kosrae	Open
914110	Ngulu	Yap	Open
914130	Yap Island WSO	Yap	Open
914163	Dugor	Yap	Open

Details

Pictures | Equipment | Class | Contacts | Files | Audit History | Add New

Edit Station

* ... required fields

*Station Number: 913340 QC applicable: No

*Period: 1945-12-31 to YYYY-MM-DD *Status: Open

*Primary Name: Chuuk WSO Airport Secondary Name: Chuuk Int. Airport, Truk Moen Is. WSO AP

Station Operator: Chuuk WSO Catchment:

*Country: FEDERATED STATES OF MICRONESIA Region: Chuuk

*Time zone: EST (10.0) Australian Eastern Standard Time

Location: ☒ Decimal ☐ Degree:Minute:Second

Latitude: 7.466660 Latitude must be in the range -90 to 90. Numbers only.

Longitude: 151.850000 Longitude must be in the range -180 to 180. Numbers only.

EPSG: or Datum: Filter:

Height: Station: 1.500 m Aero: m SSB: m Barometer: m

Alternate IDs: ICAO PTKK IMO Marine WMO 91334
Hydro Aus NIWA NIWA Agent
USAF 913340 WBAN 40505

Land Use: 0-100M: 100M-1KM: 1KM-10KM:

Surface Type: Soil Type:

River Height: m Phenomena Kept: Y

Comments: Data from GHCND FMW00040502. FMW00040505. ISD 913340 40505 and 999999 40505.



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Step 2. Determine how much daily data there is.

[Station Maintenance](#)[Keyboard Data Entry](#)[Data Ingestion](#)[Data Quality Assurance](#)[Products](#)[Settings](#)[About](#)[Help](#)[bom/simon](#)[Data](#)

Click on Data to open or close the menu.

[Advanced Data](#)[Graphs](#)[Reports](#)[CLIMAT](#)[Data Management](#)[Observation Data Gaps](#)[Multi-Station Data Gaps](#)[Station Metadata](#)[Key Entry Summary](#)[Observation Data Gaps](#)[Input Parameters](#)[Report](#)**Station Number****Chuuk WSO Airport****Observation Table****Breakdown by Element?****List Missing Date(s)**



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Step 2. Determine how much daily data there is.





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Program in the Pacific

Step 3. Now we know there is data to download. Select 'Advanced Data', 'Data Portal File'



Station Maintenance

Keyboard Data Entry

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Data

Advanced Data

CSV Data Dump (Views)

CSV Data Dump (Tables)

CliDE Native File

Data Portal File

Generate SCOPIC File

Graphs

Reports

CLIMAT

Data Management

Advanced Data » Data Portal File

Station Number

913340

Chuuk WSO Airport

Year Month Range

2022-01

to

2022-10

Data available from 1945 to 2022

Allowable Missing Days

5

Time-series Period

☒ Monthly ☐ Daily

Element

☒ Rainfall ☐ Max Temp ☐ Min Temp ☐ 0900 MSL Pressure ☐ All these elements

Output Units

Metric

Generate File

Output format: year,month,day,rainfall

Displayed data may be from entered monthly records or calculated from daily observations. Priority is to use the daily observations data.

The quality fields and sampling period are not shown in this report.

Download of select data for one or more stations



Step 3. Change the Year-Month range, Select time-series period, select element(s) then 'Generate File'

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CliDE 6 - Climate Database

fsm.clide.cloud/products/data-portal-file

Station Maintenance Keyboard Data Entry Data Ingestion Data Quality Assurance **Products** Settings About Help bom/simon

Data Click on Data to open or close the menu
Advanced Data
CSV Data Dump (Views)
CSV Data Dump (Tables)
CliDE Native File
Data Portal File
Generate SCOPIC File

Graphs
Reports
CLIMAT
Data Management

Station Number 913340 **Chuuk WSO Airport**

Year Month Range 1945-01 to 2022-10 Data available from 1945 to 2022

Allowable Missing Days 5

Time-series Period ☒ Monthly ☐ Daily

Element ☐ Rainfall ☐ Max Temp ☐ Min Temp ☐ 0900 MSL Pressure ☒ All these elements

Output Units Metric

Generate File 934 rows written to file Click here to download...

Output format: year,month,day,rainfall,max_temp,min_temp,mslp
First line: 1945,1,00,-99.9,-99.9,-99.9,-99.9

Displayed data may be from entered monthly records or calculated from daily observations. Priority is to use the daily observations data.

The quality fields and sampling period are not shown in this report.



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Step 4. Example of output for monthly data

AutoSave Off 913340_1945-01-01_2022-10-30_monthly.csv

File Home Insert Page Layout Formulas Data Review View Help

Cut Copy Paste Format Painter Clipboard Font Alignment

Calibri 11 A⁺ A⁻ B I U Merge & Center

SECURITY WARNING Some active content has been disabled. Click for more details. Enable Content

A1 1945

	A	B	C	D	E	F	G	H	I	J
1	1952	7	0	302.5	30.3	23.5	1010.8			
2	1952	8	0	368.6	29.9	23.2	1010.5			
3	1952	9	0	304.5	29.9	24.1	1011.1			
4	1952	10	0	297	30.5	24	1009.5			
5	1952	11	0	348.5	29.9	24.3	1009.4			
6	1952	12	0	176.3	29.7	24.8	1010.2			
7	1953	1	0	209.8	29.5	24.8	1010.9			
8	1953	2	0	161.2	29.2	24.7	1011.9			
9	1953	3	0	227.8	29.6	24.8	1010.8			
0	1953	4	0	464.8	30	25	1011			
1	1953	5	0	213.7	30.6	24.8	1011.6			
2	1953	6	0	388.5	30	24.5	1010.7			
3	1953	7	0	282.1	30.4	24.2	1010.8			
4	1953	8	0	518.8	29.9	23.9	1009.9			
5	1953	9	0	240.9	30.5	24.5	1011.1			
6	1953	10	0	388.7	30.8	23.6	1010.8			
7	1953	11	0	464.8	30.1	23.9	1010.1			
8	1953	12	0	252.7	29.5	24.1	1009.9			
9	1954	1	0	104.9	29.5	24.5	1009.4			
10	1954	2	0	267.3	29.6	24.3	1011.3			
11	1954	3	0	159	29.6	24.9	1010.5			
12	1954	4	0	246.4	30	26	1009.9			
13	1954	5	0	570.6	29.4	25	1009.8			
14	1954	6	0	365.3	30.1	25.2	1010.3			
15	1954	7	0	346.7	29.6	24.4	1010			
16	1954	8	0	357.5	30.2	24.1	1010.3			
17	1954	9	0	432.3	29.7	23.7	1010.5			
18	1954	10	0	322.5	30.2	23.8	-99.9			



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Step 4. Example of output for daily data

AutoSave On 913340_1945-01-01_2022-10-30_daily.csv

File Home Insert Page Layout Formulas Data Review View Help Power Pivot

Paste Cut Copy Format Painter Clipboard Font Alignment

Calibri 11 A A Wrap Text Merge & Center

A1 1945

	A	B	C	D	E	F	G	H	I	J
8928	1969	6	11	8.1	30.6	25.6	-99.9			
8929	1969	6	12	7.9	30.6	25.6	-99.9			
8930	1969	6	13	2.3	30.6	25	-99.9			
8931	1969	6	14	1.3	30.6	26.1	-99.9			
8932	1969	6	15	1.5	31.1	26.7	-99.9			
8933	1969	6	16	3.3	30.6	26.1	-99.9			
8934	1969	6	17	17.5	30	26.1	-99.9			
8935	1969	6	18	17.8	30	25.6	-99.9			
8936	1969	6	19	91.4	27.8	23.3	-99.9			
8937	1969	6	20	0	31.1	23.9	-99.9			
8938	1969	6	21	19.1	31.1	24.4	-99.9			
8939	1969	6	22	4.1	28.9	24.4	-99.9			
8940	1969	6	23	11.9	31.1	25	-99.9			
8941	1969	6	24	26.7	30	23.3	-99.9			
8942	1969	6	25	0	30	23.3	-99.9			
8943	1969	6	26	38.4	31.1	23.9	-99.9			
8944	1969	6	27	2.3	30.6	23.9	-99.9			
8945	1969	6	28	10.4	31.1	23.9	-99.9			
8946	1969	6	29	0.3	31.1	25	-99.9			
8947	1969	6	30	10.9	30.6	23.9	-99.9			
8948	1969	7	1	25.1	30	23.9	-99.9			
8949	1969	7	2	0.3	30.6	25	-99.9			
8950	1969	7	3	41.9	27.8	23.9	-99.9			
8951	1969	7	4	7.9	30.6	23.9	-99.9			
8952	1969	7	5	40.6	29.4	22.8	-99.9			
8953	1969	7	6	0.5	31.1	24.4	-99.9			
8954	1969	7	7	0.8	30.6	25	-99.9			
8955	1969	7	8	19.1	27.8	23.3	-99.9			
8956	1969	7	9	36.6	28.9	23.9	-99.9			
8957	1969	7	10	0	30.6	23.3	-99.9			
8958	1969	7	11	0	31.1	24.4	-99.9			
8959	1969	7	12	0.3	31.7	25	-99.9			
8960	1969	7	13	23.1	30.6	24.4	-99.9			
8961	1969	7	14	4.6	30.6	24.4	-99.9			
8962	1969	7	15	18.5	30.6	23.3	-99.9			
8963	1969	7	16	8.4	31.1	23.9	-99.9			
8964	1969	7	17	0	30	23.3	-99.9			
8965	1969	7	18	20.1	30.6	25	-99.9			



Job done!

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- Send data to the Bureau to update the portal
- Updates required once a year in January
- Let the Bureau know if the data is corrected in CliDE, resend data
- Thank you!