Australian Government
Bureau of Meteorology

Basic Climatological Station Metadata

Current status

Metadata compiled: 28 JUL 2025

Station: GOVE AIRPORT MET OFFICE

Bureau of Meteorology station number: 014508
Bureau of Meteorology district name: Arnhem
State: NT

World Meteorological Organization number: 99996
Identification: GOV1

Network Classification: CLIMAT Stations, CLIMAT TEMP Stations, GCOS Surface Network, Regional Basic Synoptic Network
Station purpose: Synoptic, Upper Air, Aeronautical
Automatic Weather Station:

Current Station Location				
Latitude	**Decimal**	-12.2741	**Hour Min Sec**	12°16'27"S
Longitude	**Decimal**	136.8201	**Hour Min Sec**	136°49'12"E
Station Height	51.6 m	**Barometer Height**	53.2 m	
Method of station geographic positioning			GPS	

Year opened: 1944
Status: Closed

Station summary

No summary for this site has been written as yet.

Historical metadata for this site has not been quality controlled for accuracy and completeness. Data other than current station information, particularly earlier than 1998, should be considered accordingly. Information may not be complete, as backfilling of historical data is incomplete.

Australian Government
Bureau of Meteorology

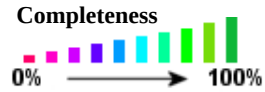
Basic Climatological Station Metadata

Current status

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

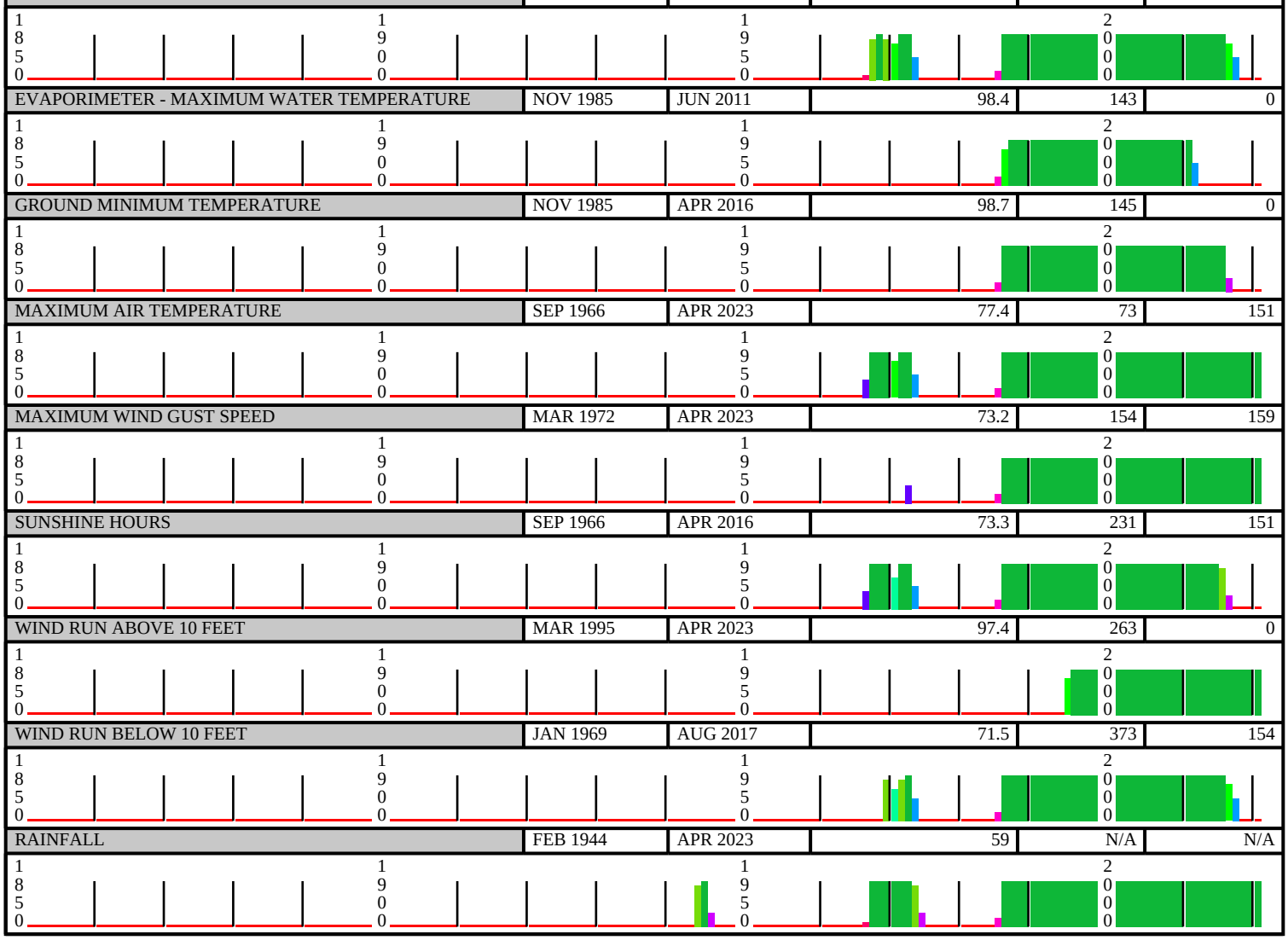
Observation summary

The table below indicates the approximate completeness of the record for individual element types within the Australian Data Archive for Meteorology. For elements not listed see the note below.



DAILY DATA HOLDINGS

OBSERVATION TYPE	FIRST MONTH	LAST MONTH	COMPLETENESS (% estimate)	SINGLE DAYS MISSED	FULL MONTHS MISSED
EVAPORATION	DEC 1966	AUG 2017	72.7	397	153
EVAPORIMETER - MAXIMUM WATER TEMPERATURE	NOV 1985	JUN 2011	98.4	143	0
GROUND MINIMUM TEMPERATURE	NOV 1985	APR 2016	98.7	145	0
MAXIMUM AIR TEMPERATURE	SEP 1966	APR 2023	77.4	73	151
MAXIMUM WIND GUST SPEED	MAR 1972	APR 2023	73.2	154	159
SUNSHINE HOURS	SEP 1966	APR 2016	73.3	231	151
WIND RUN ABOVE 10 FEET	MAR 1995	APR 2023	97.4	263	0
WIND RUN BELOW 10 FEET	JAN 1969	AUG 2017	71.5	373	154
RAINFALL	FEB 1944	APR 2023	59	N/A	N/A



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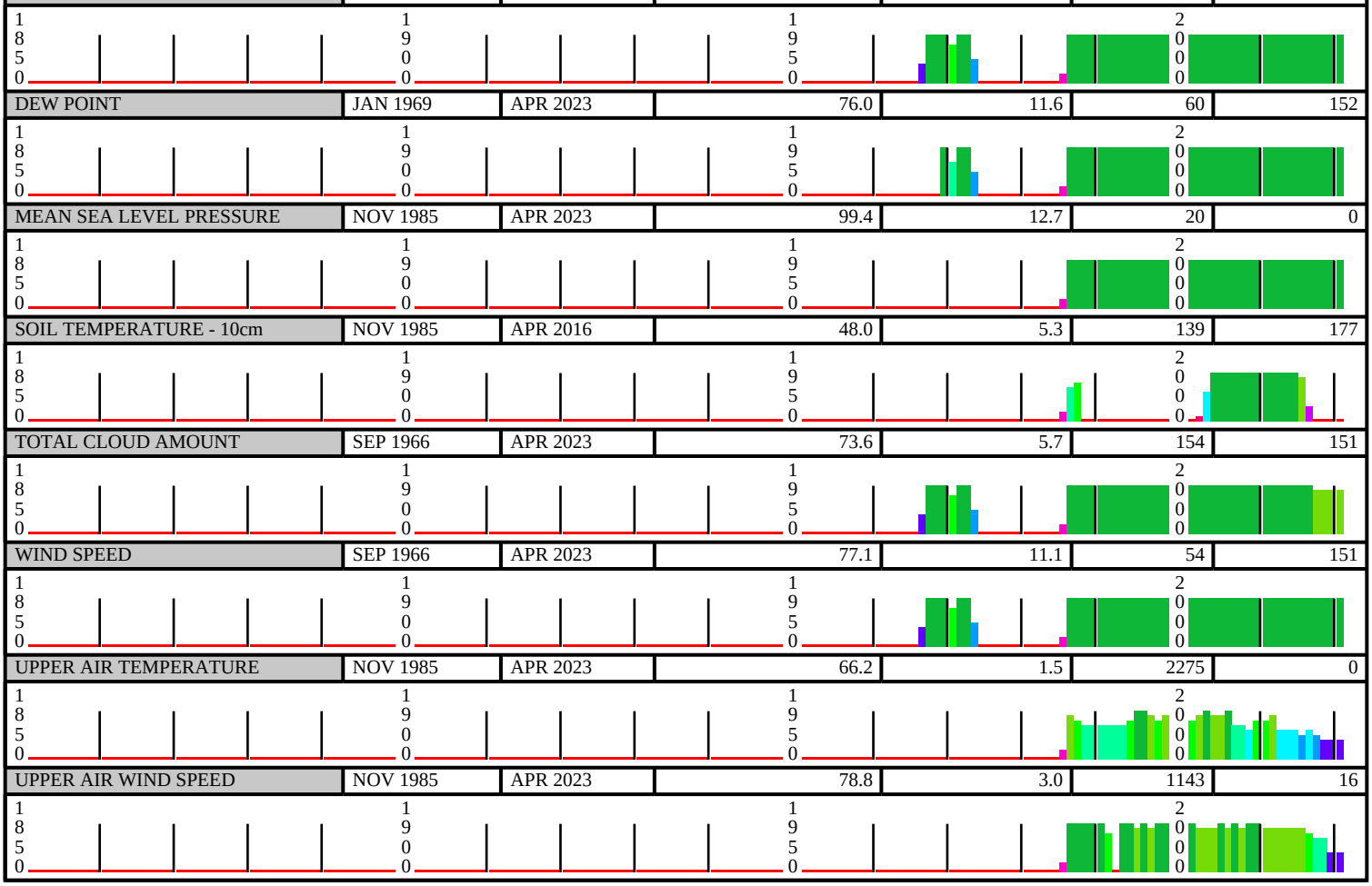
HOURLY DATA HOLDINGS - from 1 to 24 observations per day

OBSERVATION TYPE	FIRST MONTH	LAST MONTH	COMPLETENESS (% estimate)	FREQUENCY average daily	SINGLE DAYS MISSED	FULL MONTHS MISSED
AIR TEMPERATURE	SEP 1966	APR 2023	77.1	11.1	57	151
DEW POINT	JAN 1969	APR 2023	76.0	11.6	60	152
MEAN SEA LEVEL PRESSURE	NOV 1985	APR 2023	99.4	12.7	20	0
SOIL TEMPERATURE - 10cm	NOV 1985	APR 2016	48.0	5.3	139	177
TOTAL CLOUD AMOUNT	SEP 1966	APR 2023	73.6	5.7	154	151
WIND SPEED	SEP 1966	APR 2023	77.1	11.1	54	151
UPPER AIR TEMPERATURE	NOV 1985	APR 2023	66.2	1.5	2275	0
UPPER AIR WIND SPEED	NOV 1985	APR 2023	78.8	3.0	1143	16



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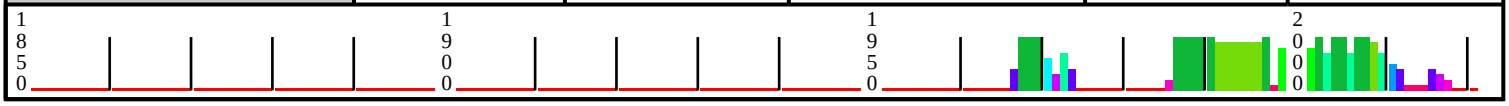
RAINFALL INTENSITY DATA HOLDINGS

OBSERVATION TYPE	FIRST MONTH	LAST MONTH	COMPLETENESS (% estimate)	SINGLE DAYS MISSED	FULL MONTHS MISSED
RAINFALL INTENSITY	SEP 1966	MAY 2017	52.8	1277	245



ONE-MINUTE DATA HOLDINGS

OBSERVATION TYPE	FIRST MONTH	LAST MONTH	COMPLETENESS (% estimate)	FREQUENCY average daily	SINGLE DAYS MISSED	FULL MONTHS MISSED
ALL ELEMENTS	AUG 2002	APR 2023	99.1	1426.8	N/A	0

HALF-HOURLY DATA HOLDINGS

OBSERVATION TYPE	FIRST MONTH	LAST MONTH	COMPLETENESS (% estimate)	FREQUENCY average daily	SINGLE DAYS MISSED	FULL MONTHS MISSED
ALL ELEMENTS	JUN 1990	APR 2023	100.7	48.3	N/A	0

UPPER-AIR EDT DATA HOLDINGS

OBSERVATION TYPE	FIRST MONTH	LAST MONTH	COMPLETENESS (% estimate)	FREQUENCY average daily	SINGLE DAYS MISSED	FULL MONTHS MISSED
Wind only flights	May 2000	Jan 2019	N/A	1.6	666	0
Wind, temperature and pressure flights	May 1991	Jun 2018	N/A	1.1	1344	0

Holdings calculated up to 01 Jul 2025

The % complete figure is the completeness of observations averaged over all months of record, for the given station and observation type, taking gaps into account. For hourly holdings, the completeness is relative to the maximum number of daily observations for the site each month, and is therefore an estimate. For daily holdings, the completeness figure shown is exact.

The single days missed figure is the total number of days for which no observation was received, not including full missed months. The full months missed figure is the total of full month gaps over the period of record. Where an element is not included assumptions can generally be made about availability, and the list to use has been suggested below.

Unlisted element	Listed element to use
Minimum air temperature	Maximum air temperature
Wet bulb temperature	Dew point
Soil temperature at 20, 50 & 100cm	10cm soil temperature
Relative humidity	Dew point
Minimum temp. of water in evaporimeter	Evaporimeter - max water temp
Visual observations eg. weather, visibility	Total cloud amount
Sea related observations	Sea state

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Extended Climatological Station Metadata
All History

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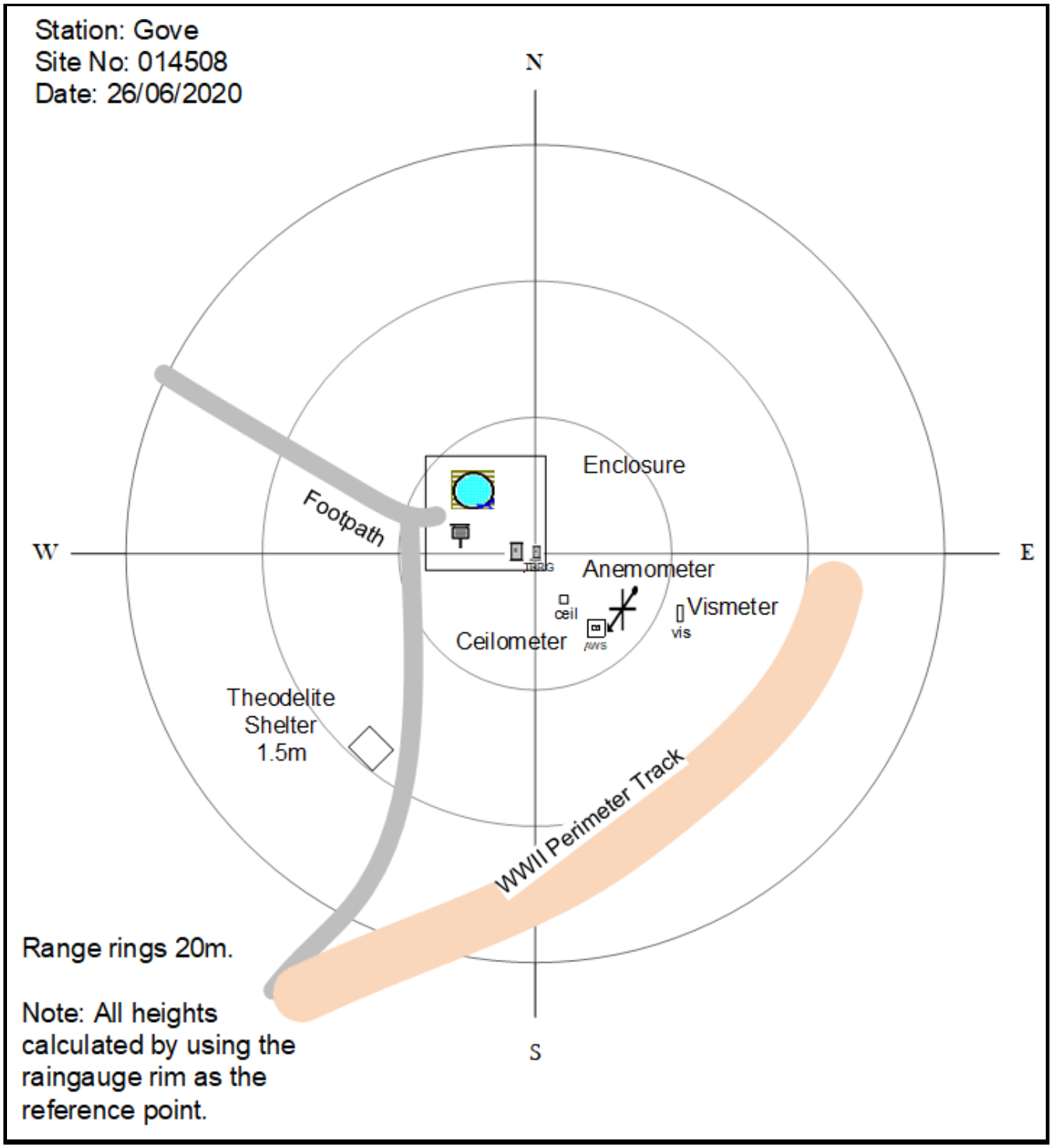
Instrument Location and Surrounding Features
26/06/2020(most recent)



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Extended Climatological Station Metadata
All History

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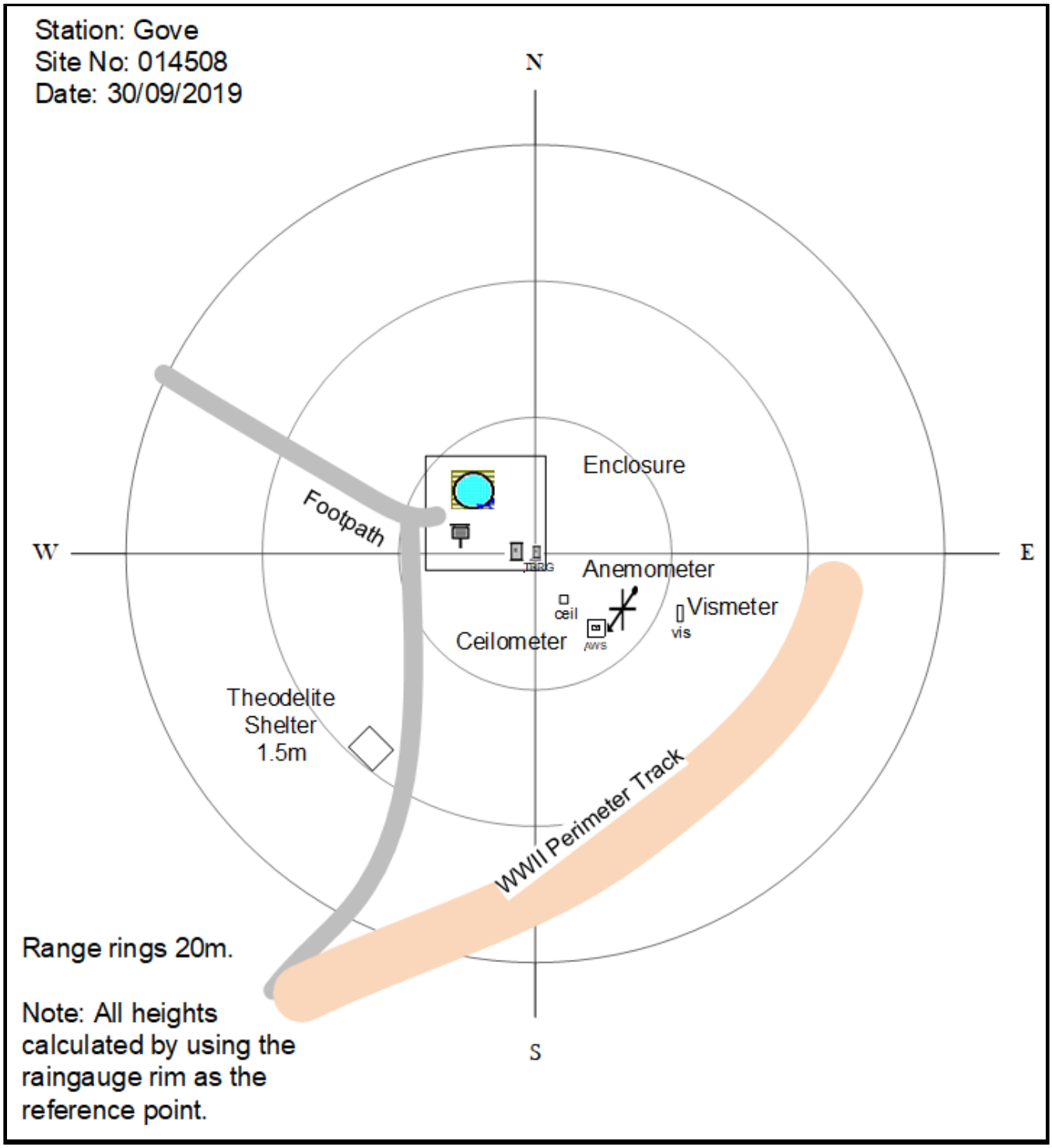
Instrument Location and Surrounding Features
30/09/2019



Extended Climatological Station Metadata

All History

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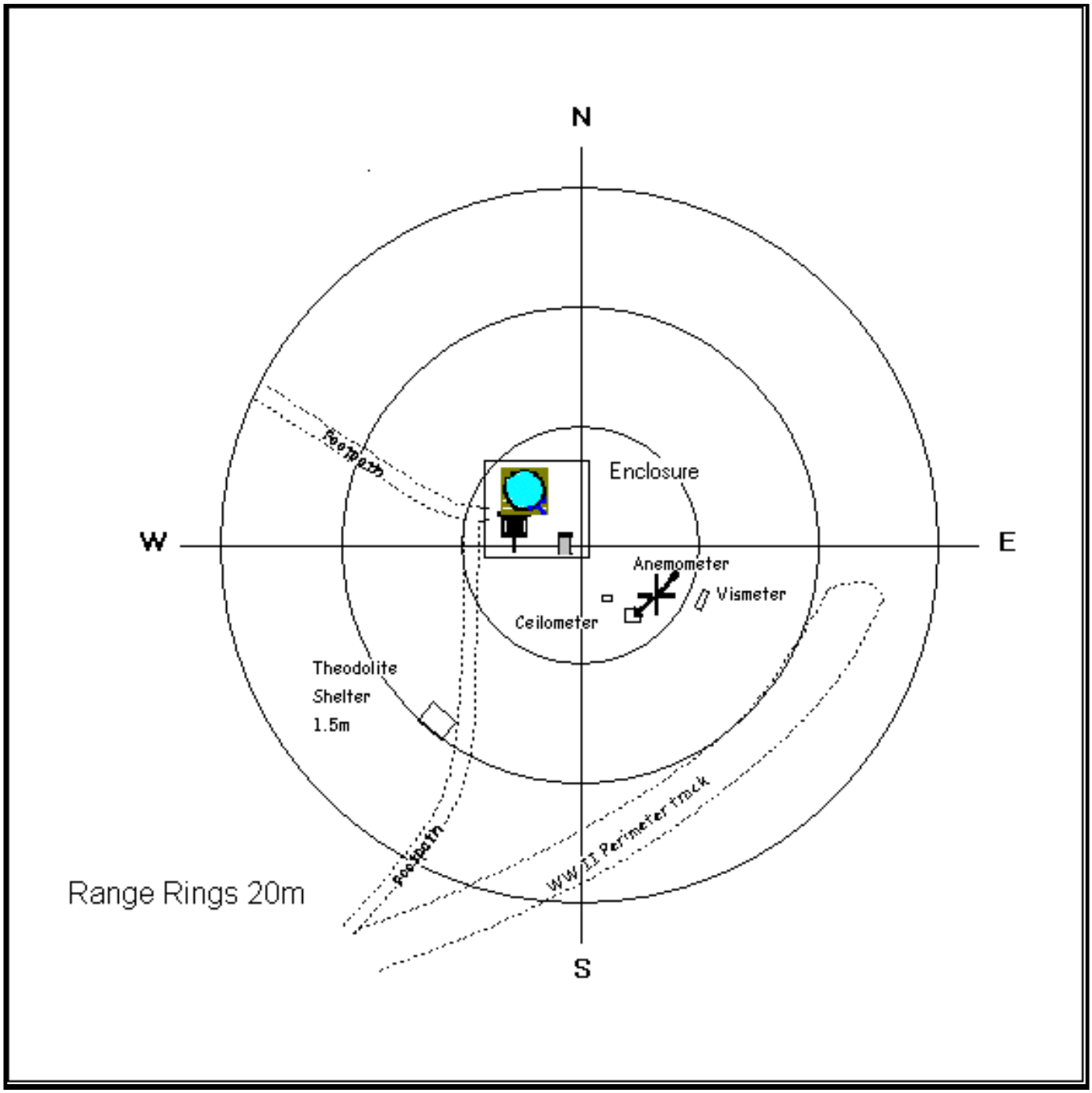
Instrument Location and Surrounding Features

23/10/2017



Extended Climatological Station Metadata

All History

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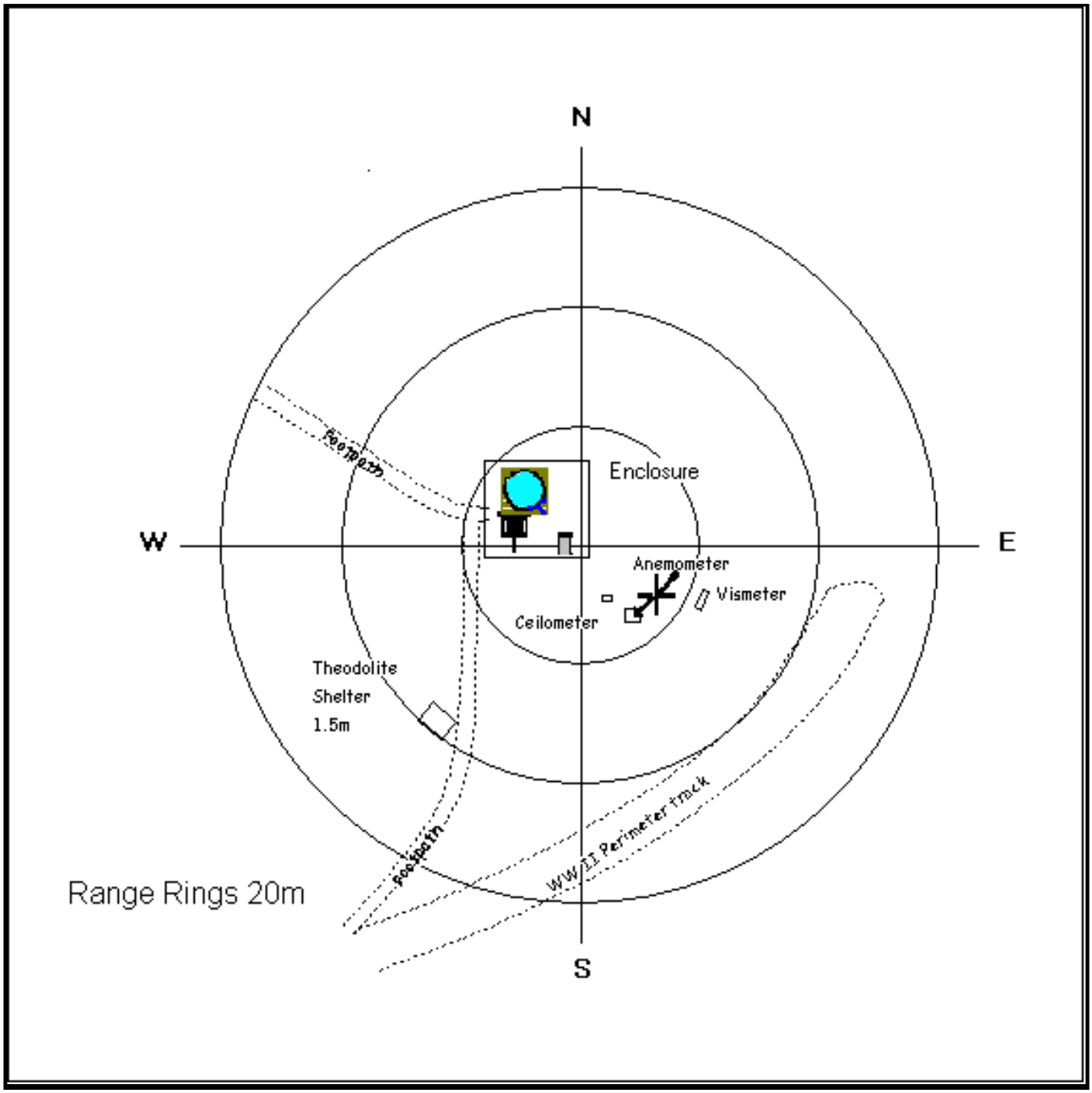
Instrument Location and Surrounding Features

08/09/2016



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Extended Climatological Station Metadata

All History

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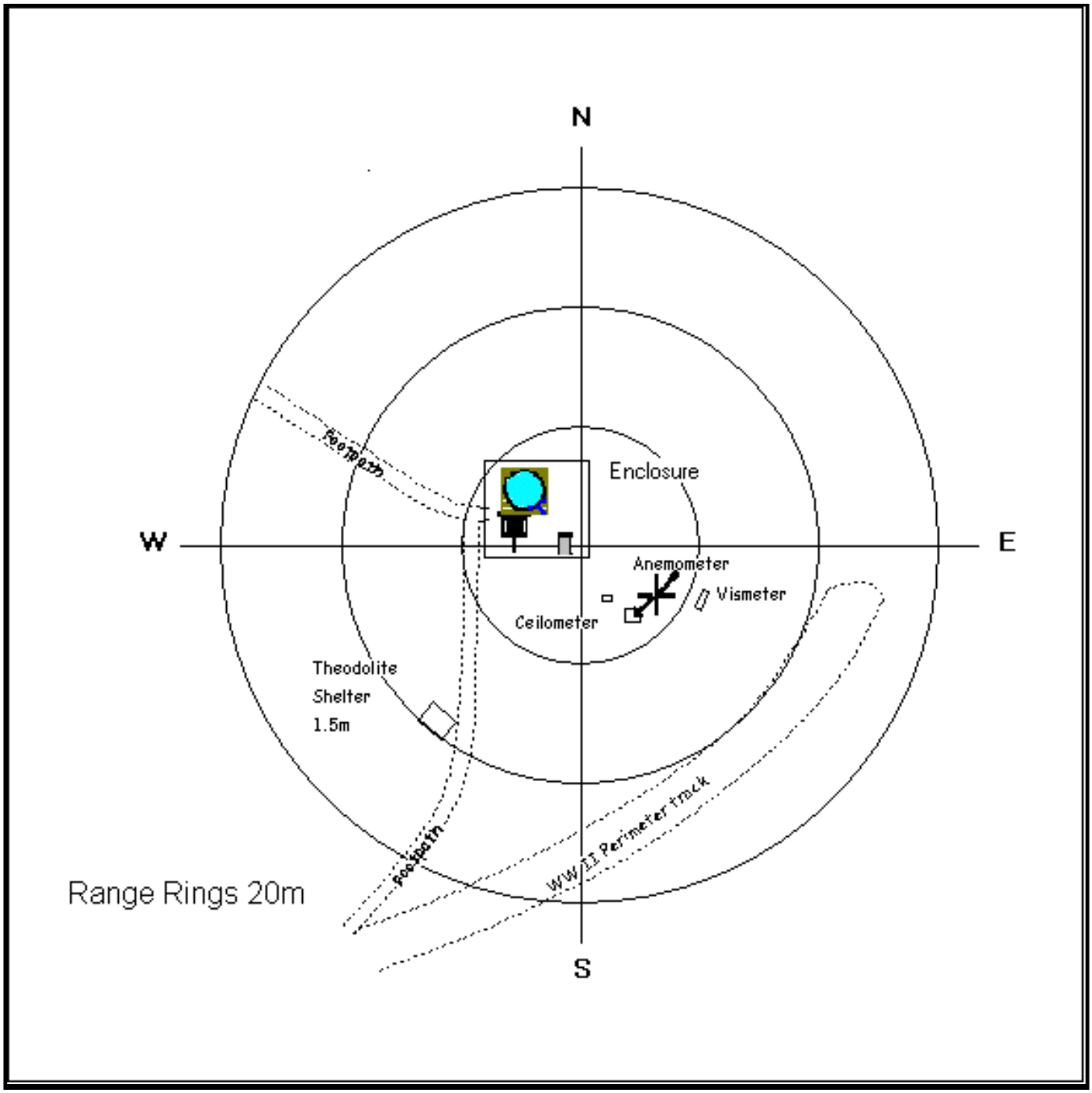
Instrument Location and Surrounding Features

11/10/2015



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All History

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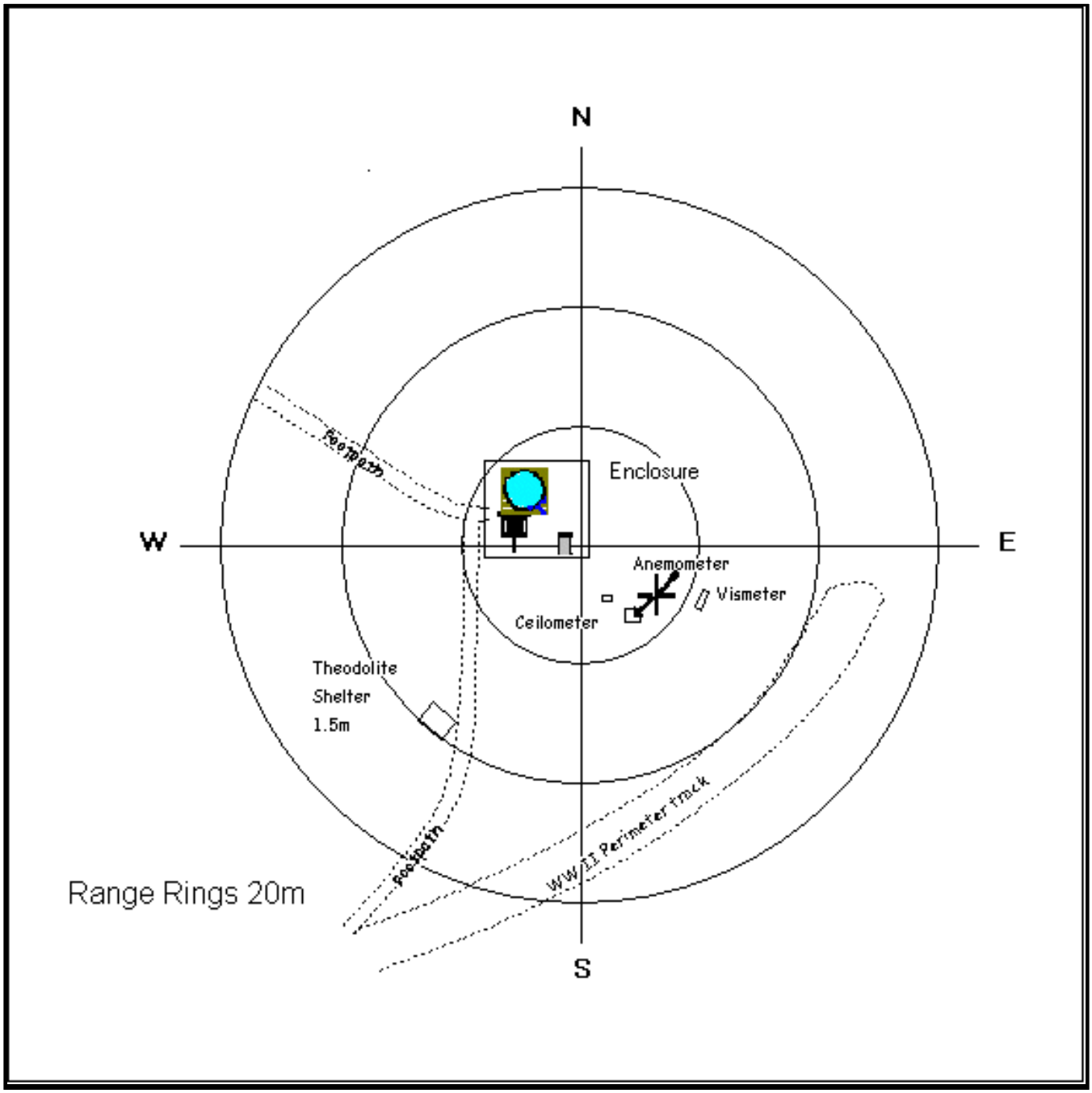
Instrument Location and Surrounding Features

11/10/2014



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Extended Climatological Station Metadata
All History

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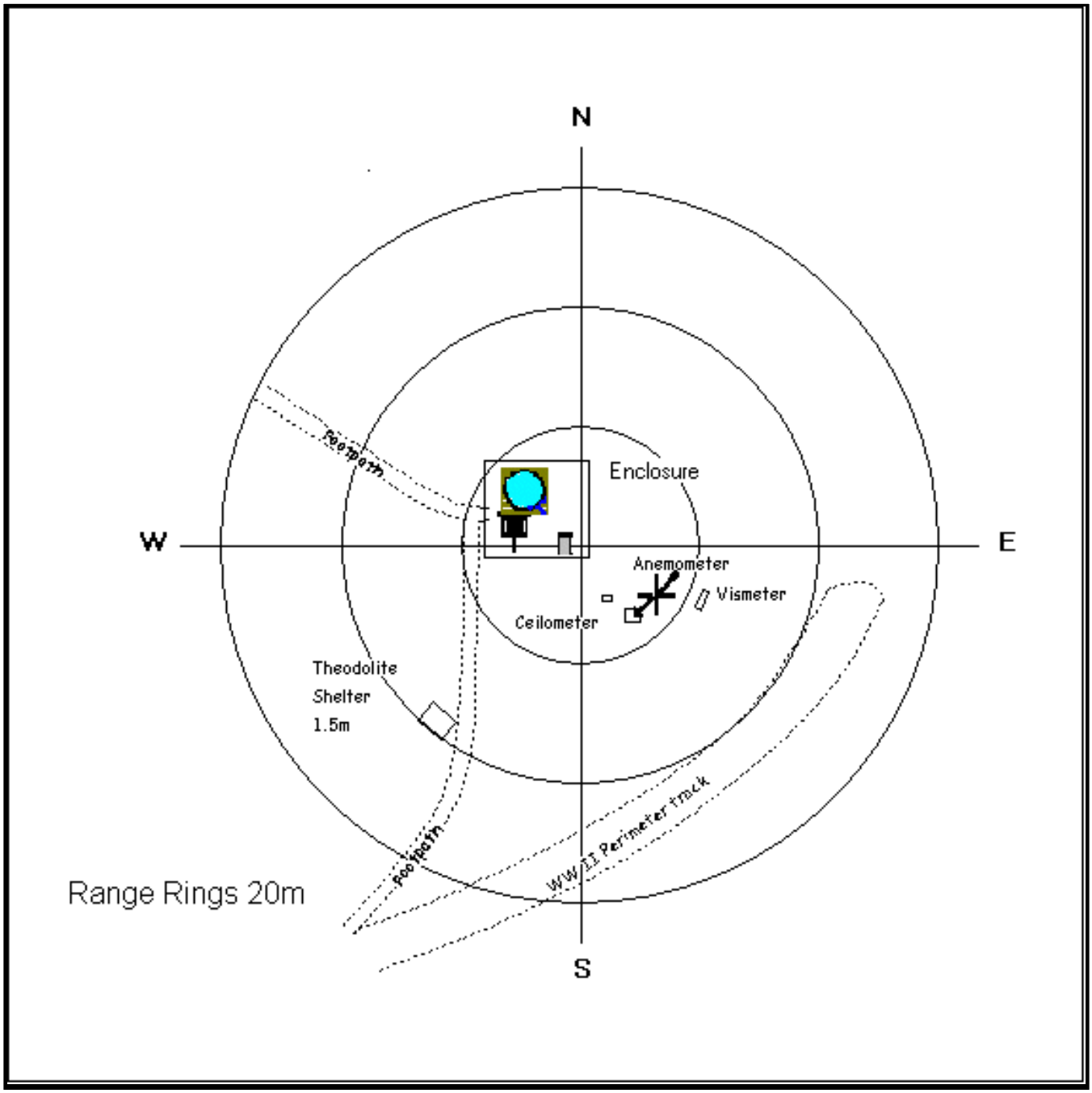
Instrument Location and Surrounding Features
23/09/2013



Extended Climatological Station Metadata
All History

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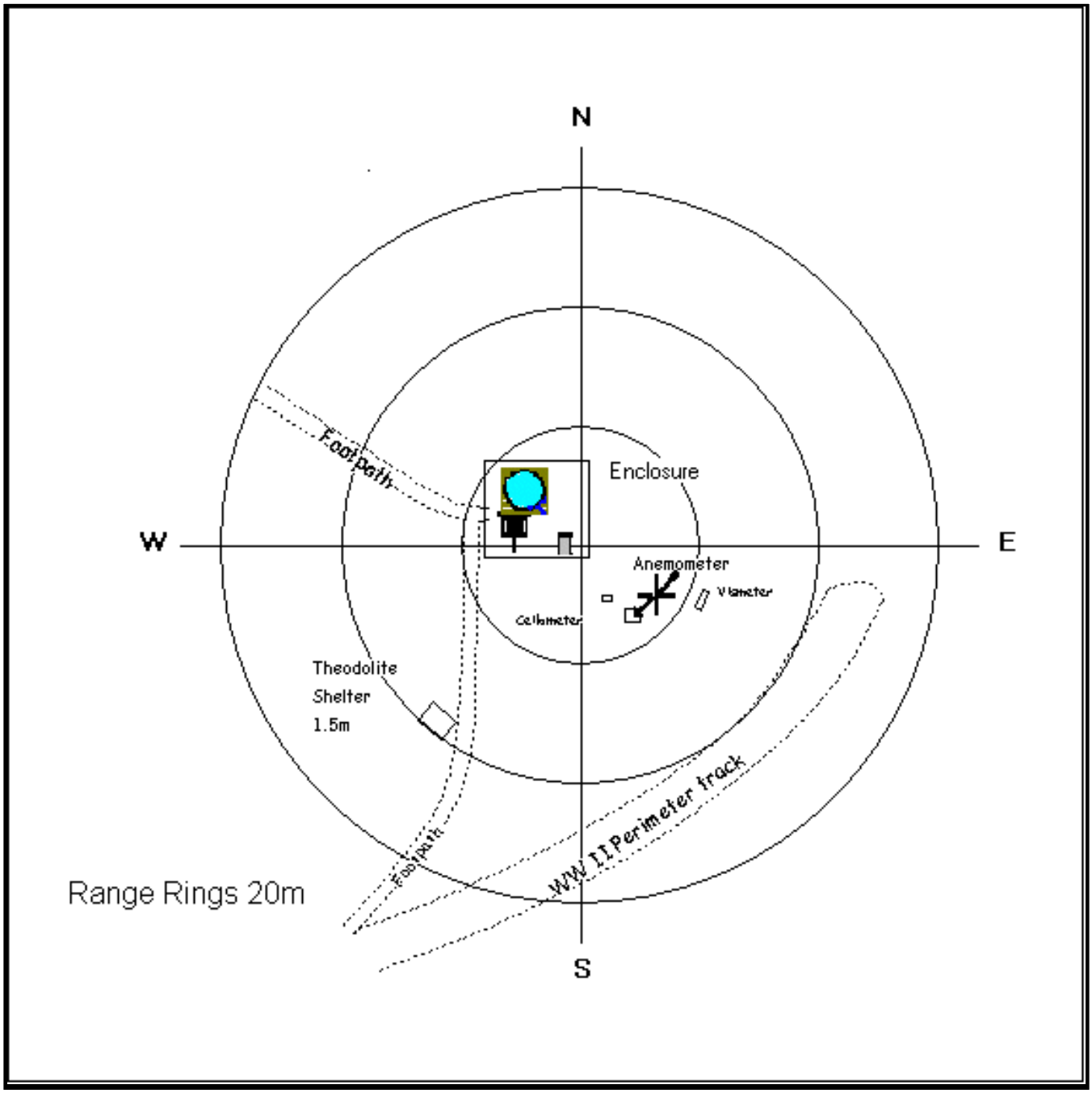
Instrument Location and Surrounding Features
07/12/2011



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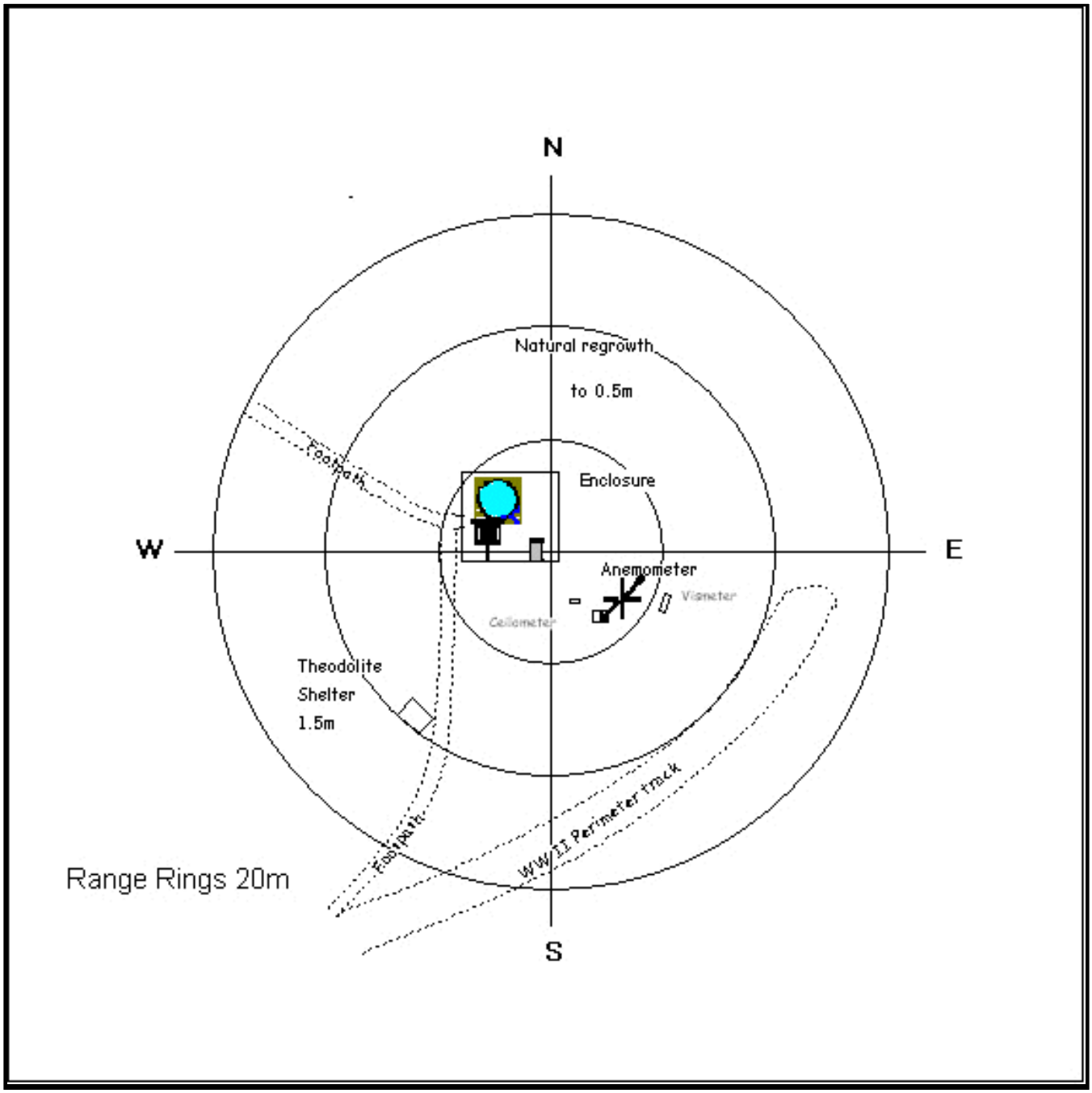
Instrument Location and Surrounding Features
11/10/2010



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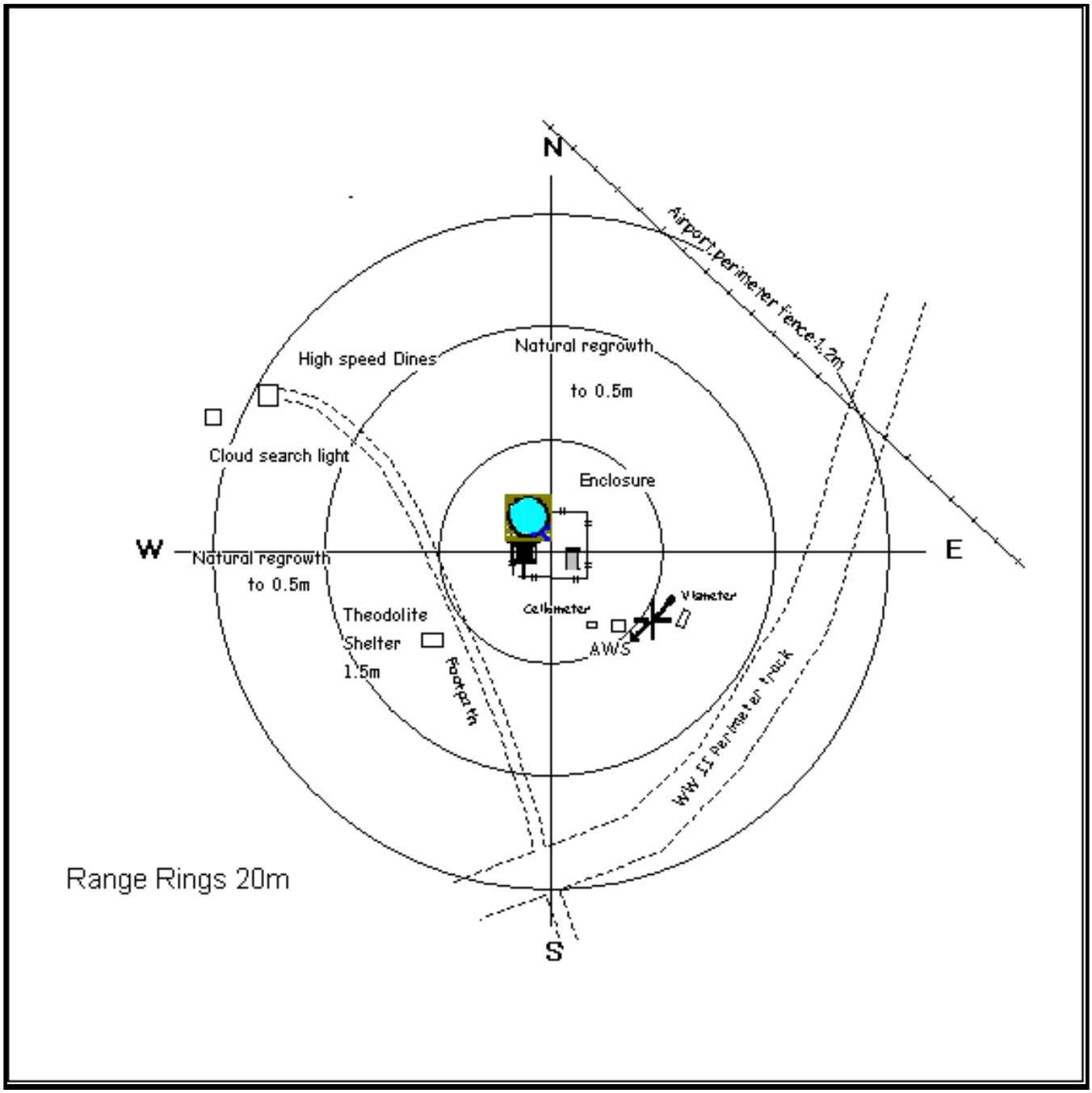
Instrument Location and Surrounding Features

16/10/2009



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All History

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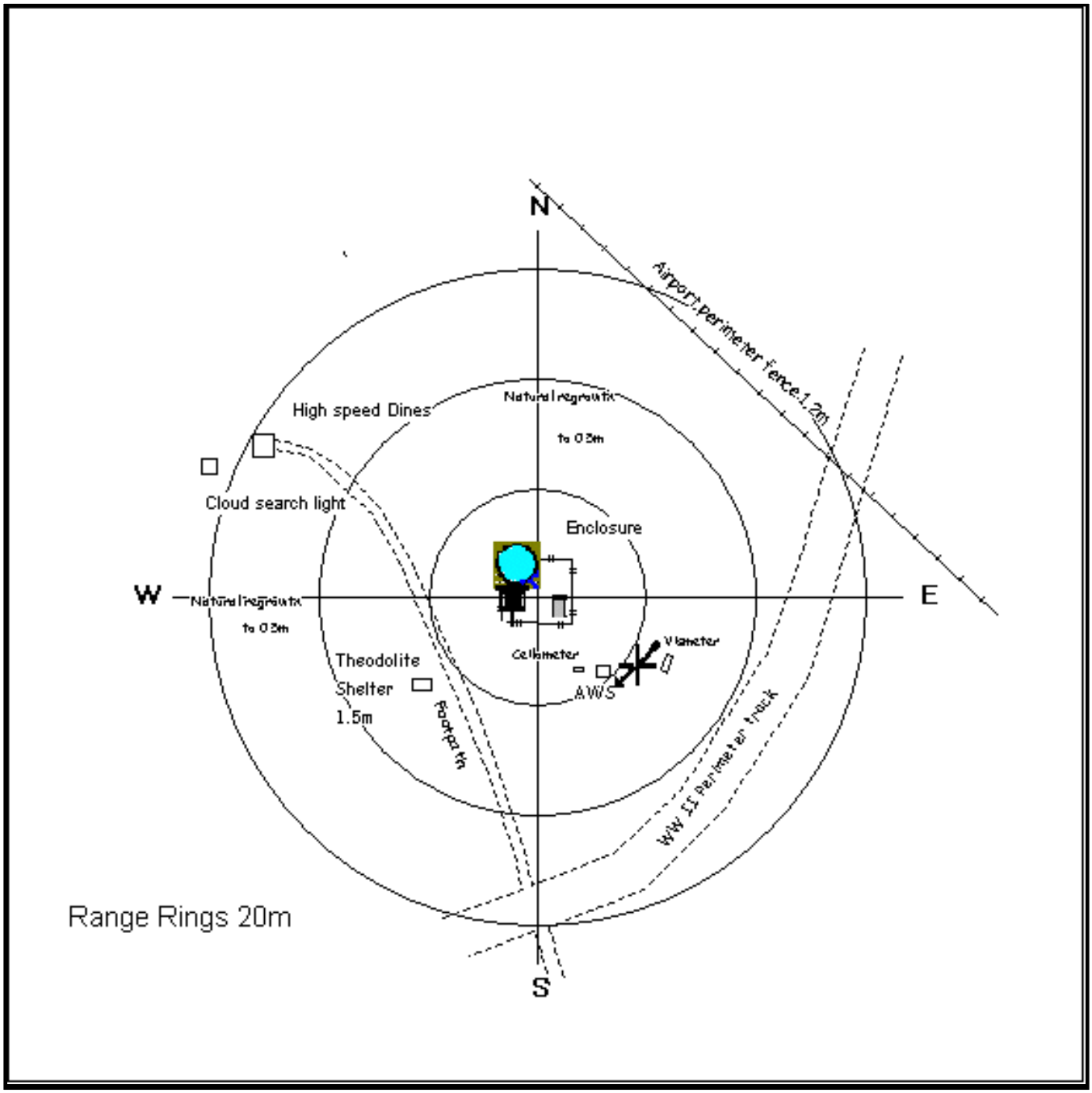
Instrument Location and Surrounding Features
20/10/2008



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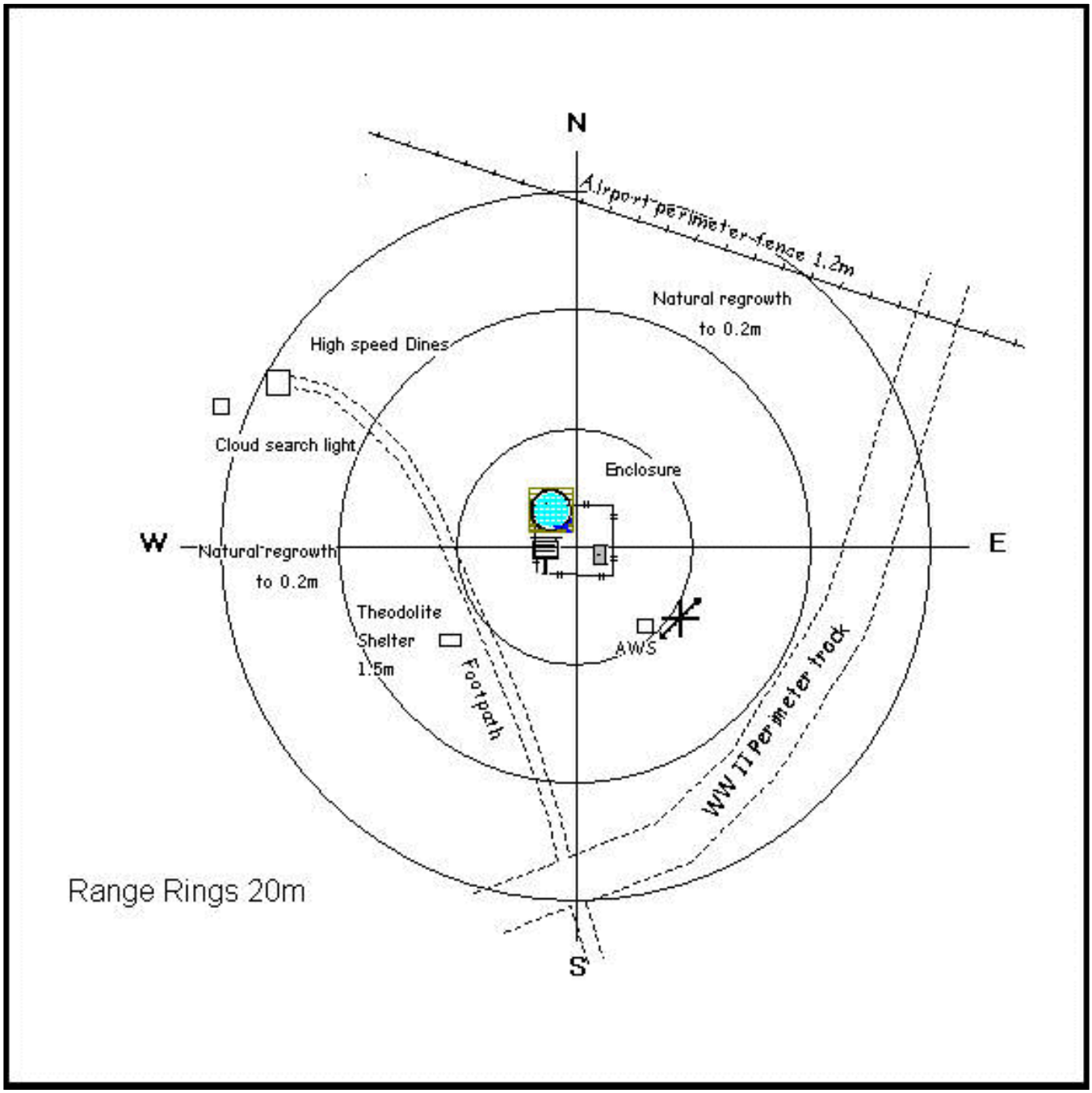
Instrument Location and Surrounding Features
14/10/2007



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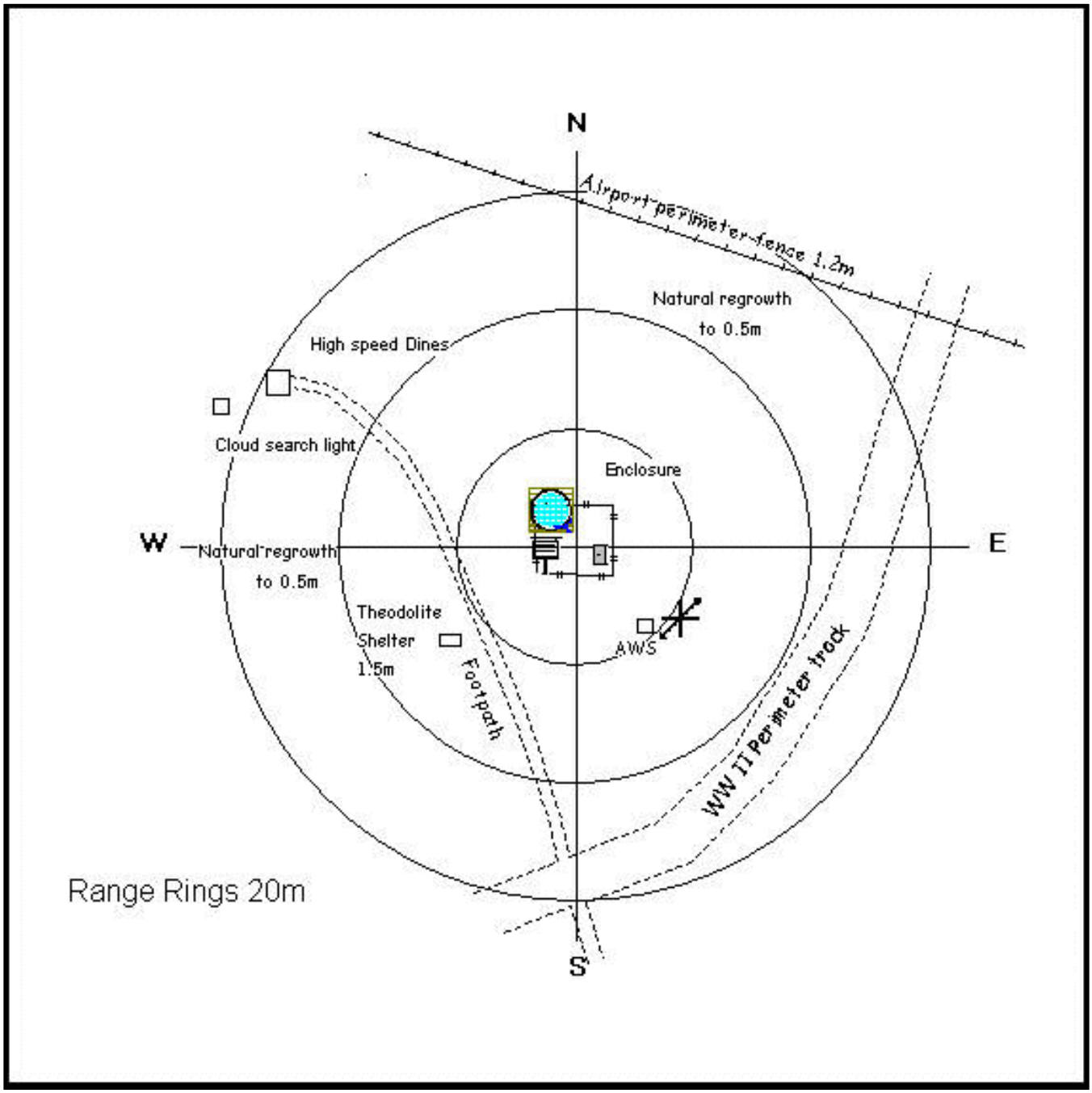
Instrument Location and Surrounding Features
29/10/2006



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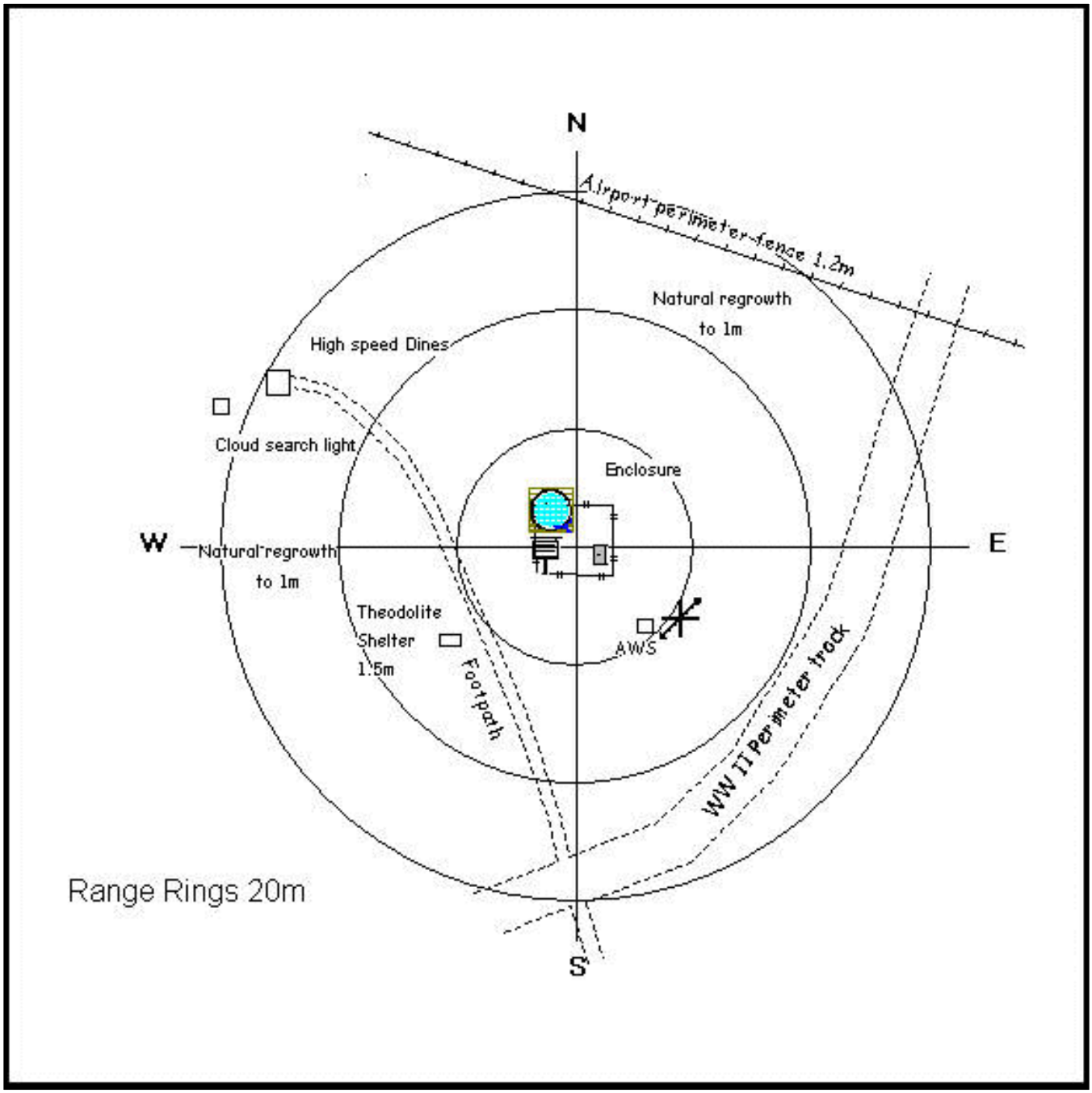
Instrument Location and Surrounding Features

25/10/2005



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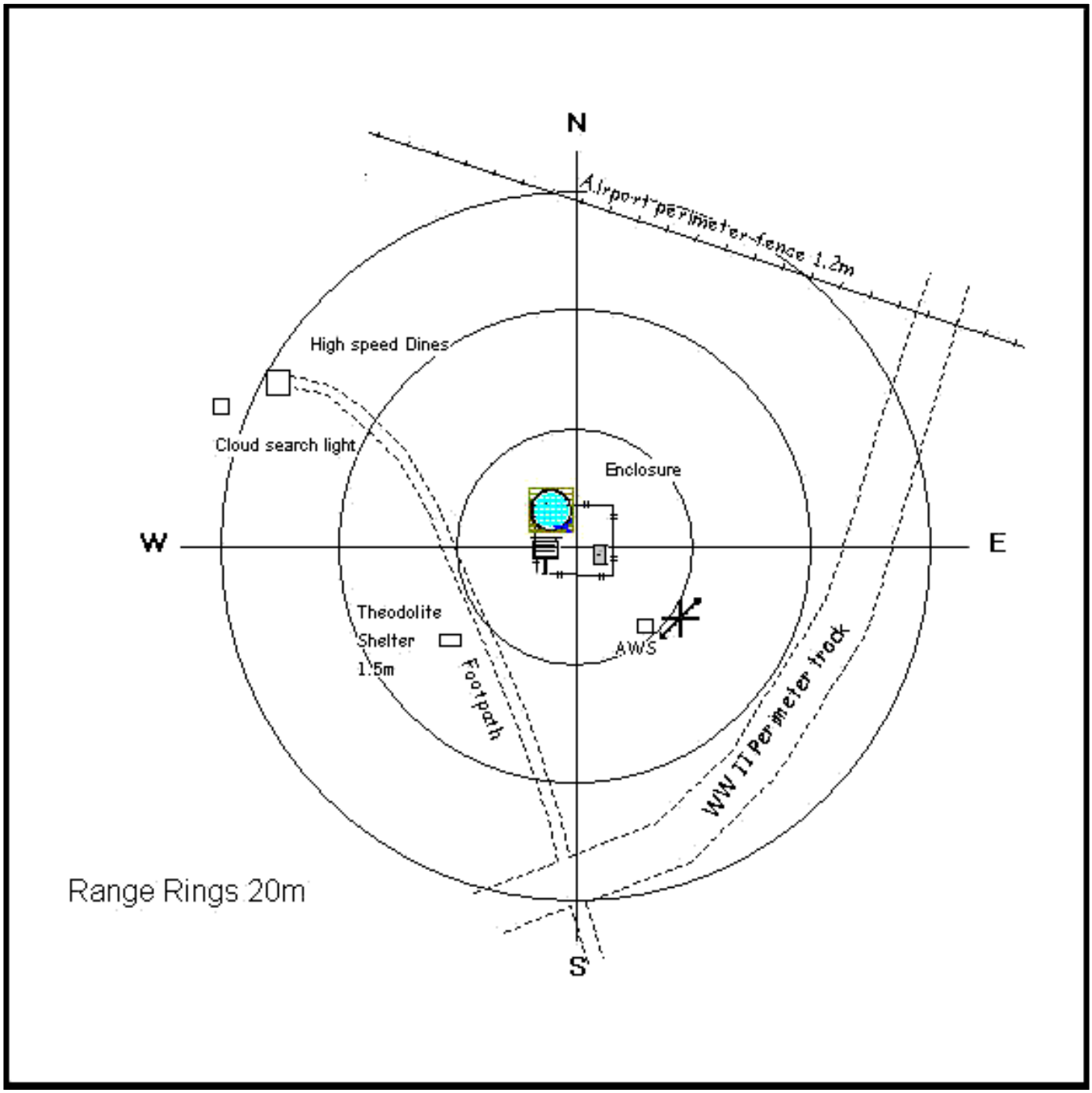
Instrument Location and Surrounding Features

11/10/2004



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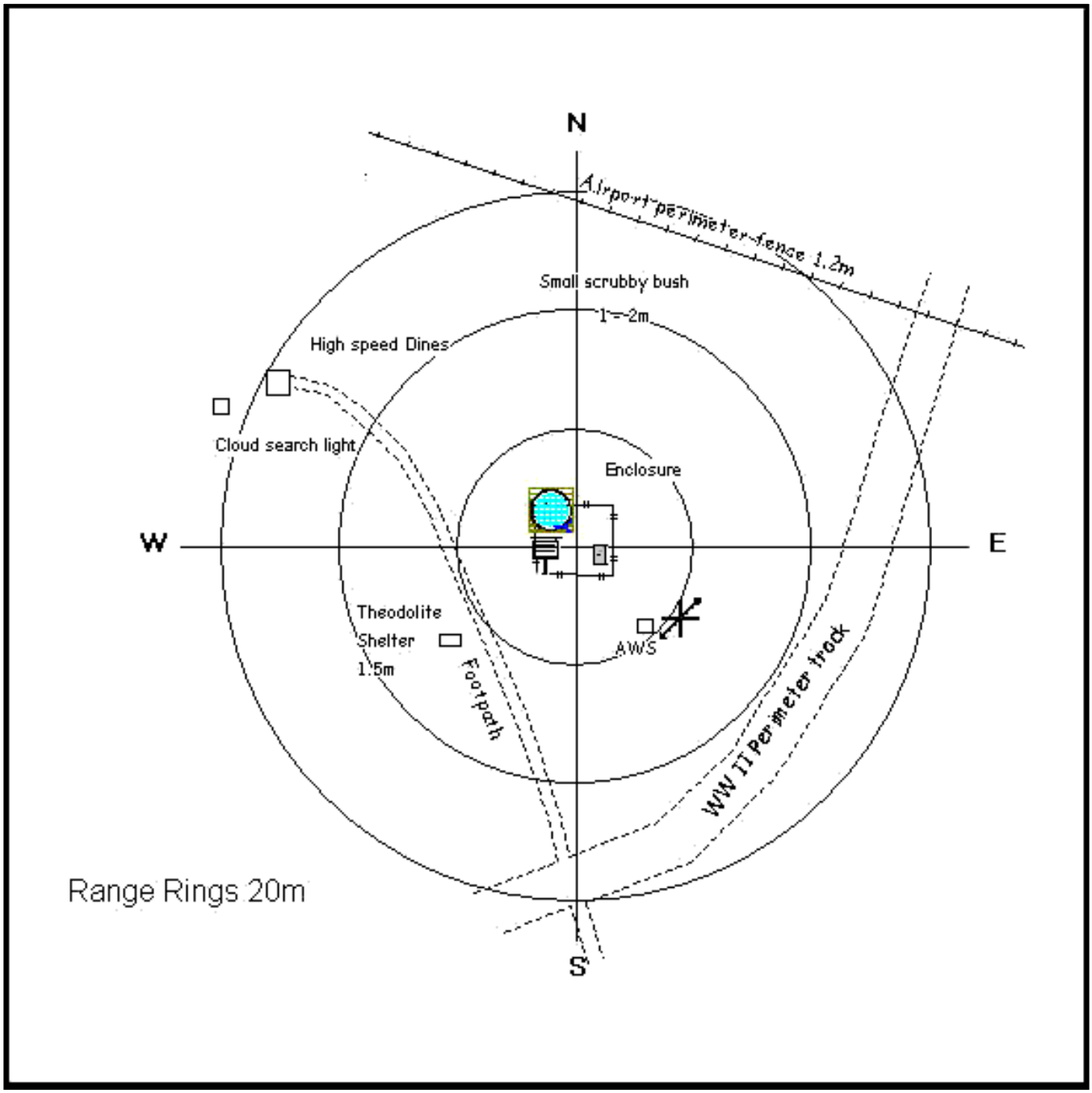
Instrument Location and Surrounding Features

25/10/2003



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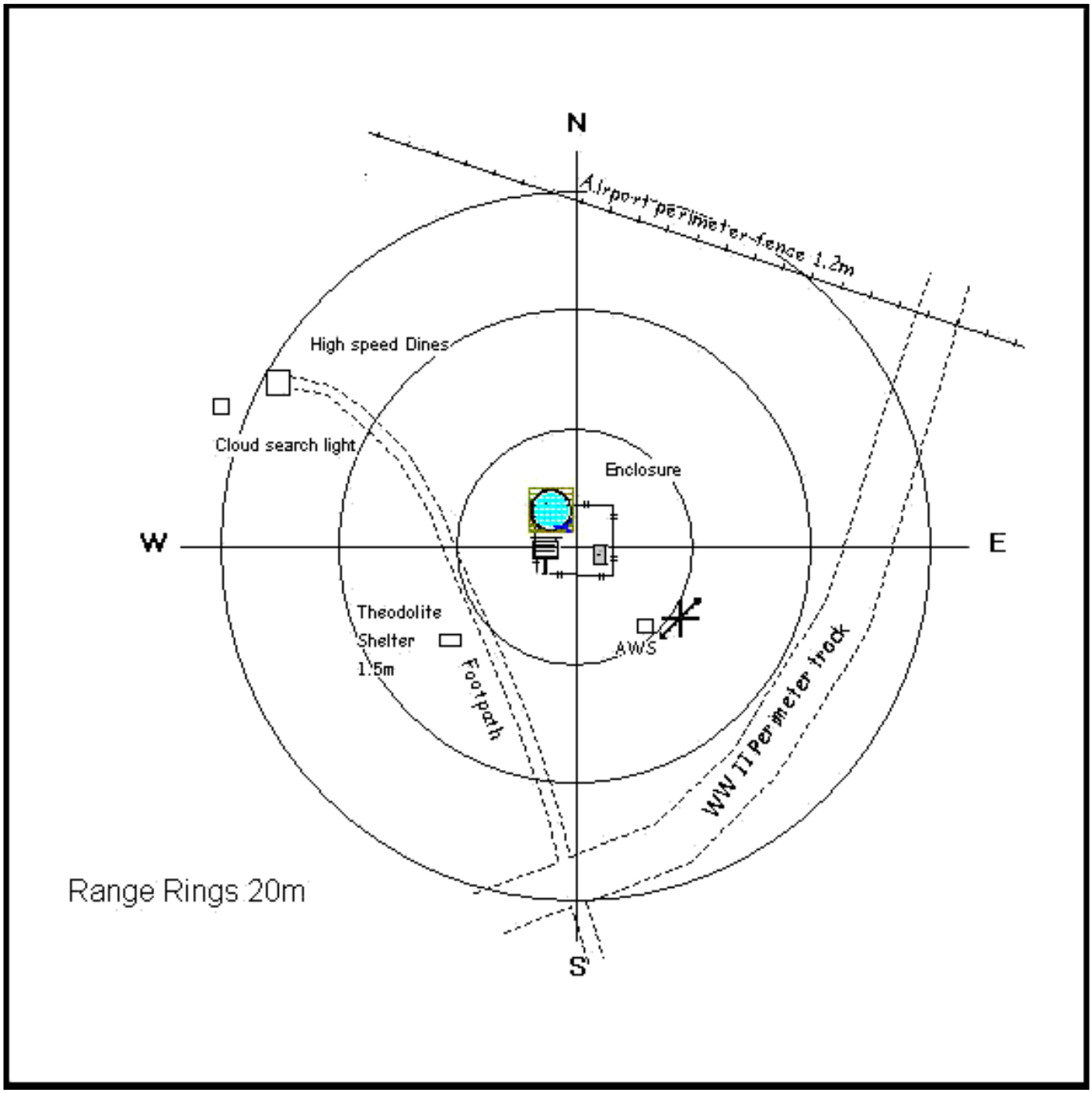
Instrument Location and Surrounding Features

09/11/2002



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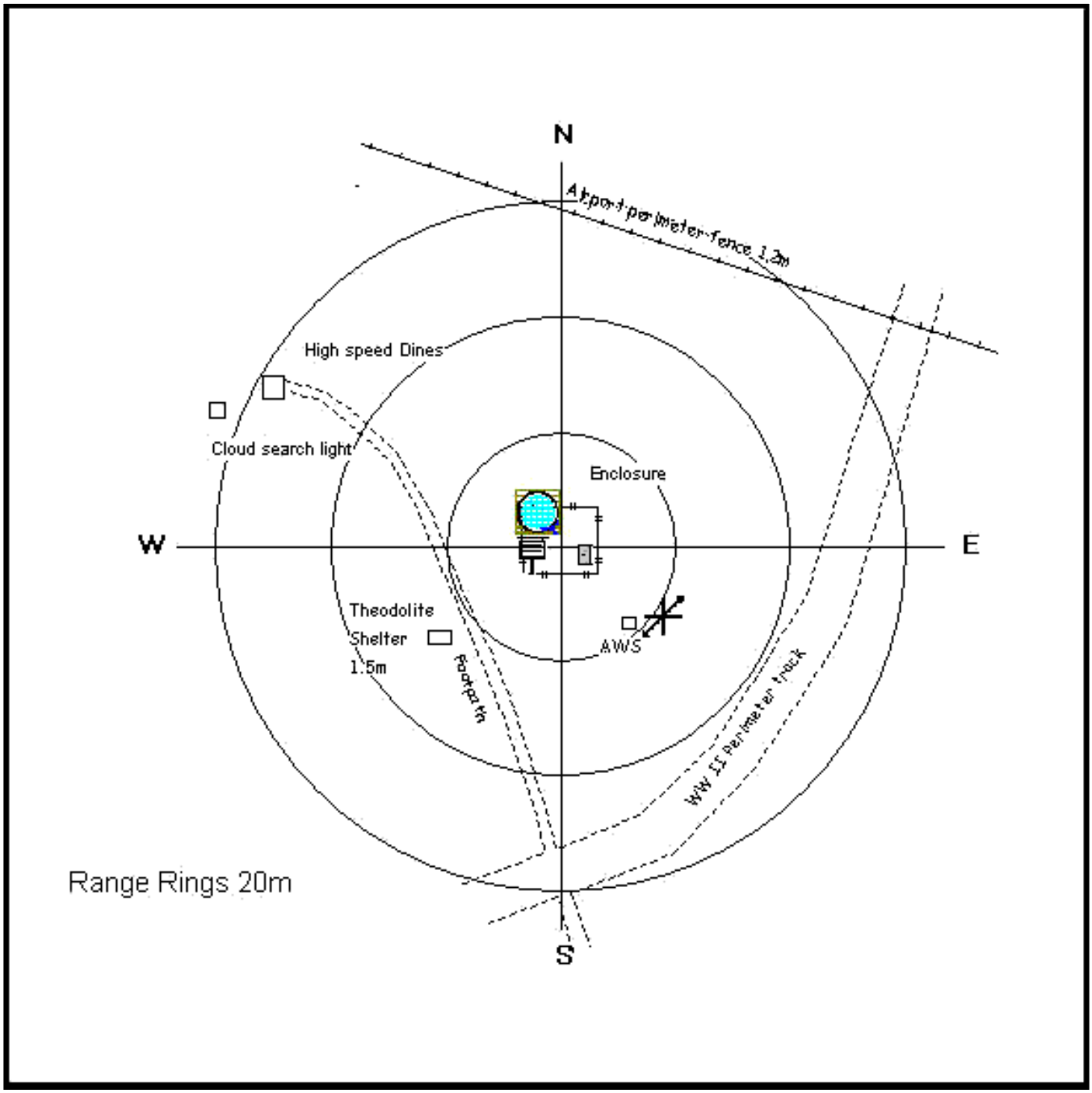
Extended Climatological Station Metadata

All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Instrument Location and Surrounding Features

21/10/2001



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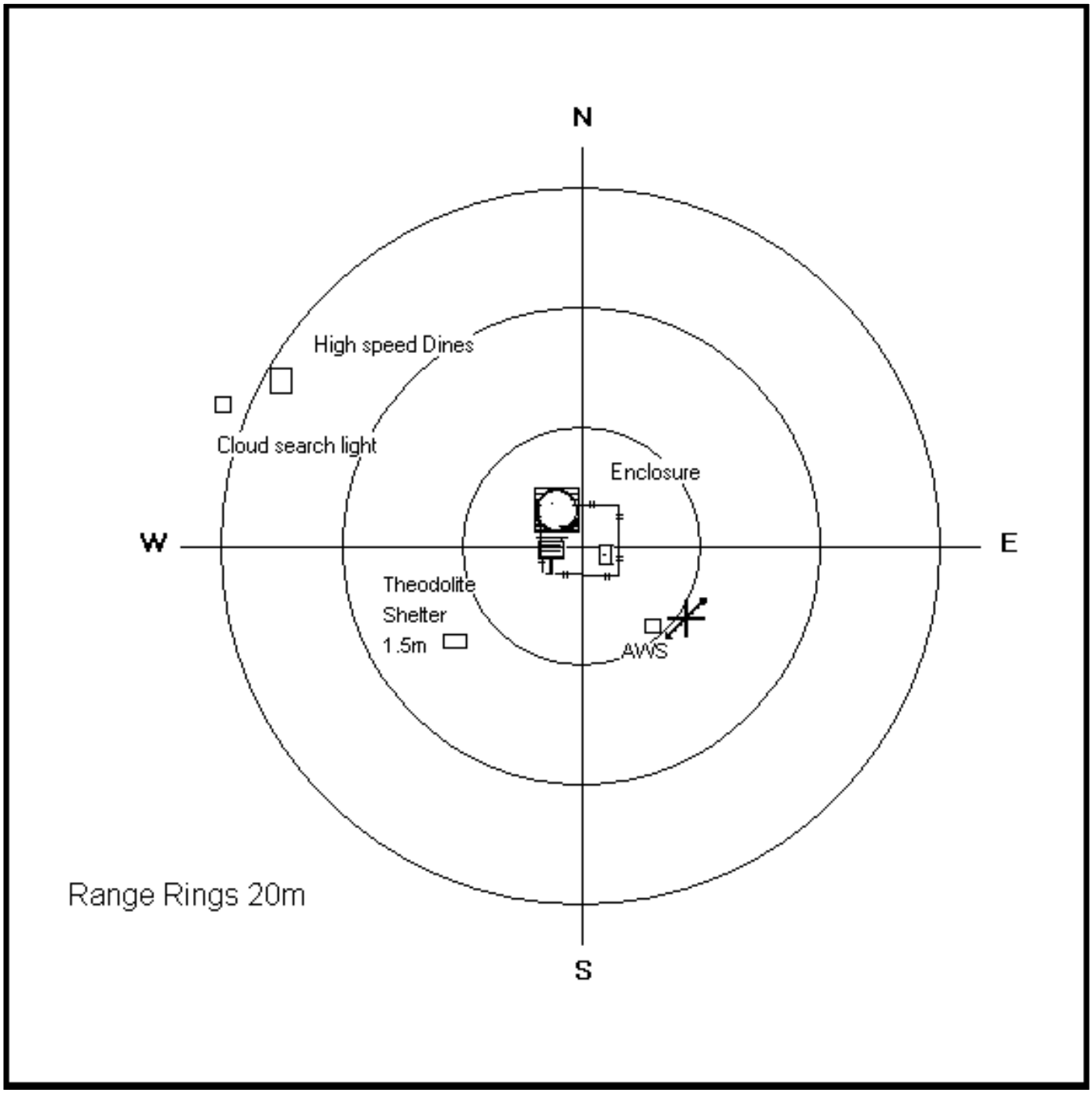
Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

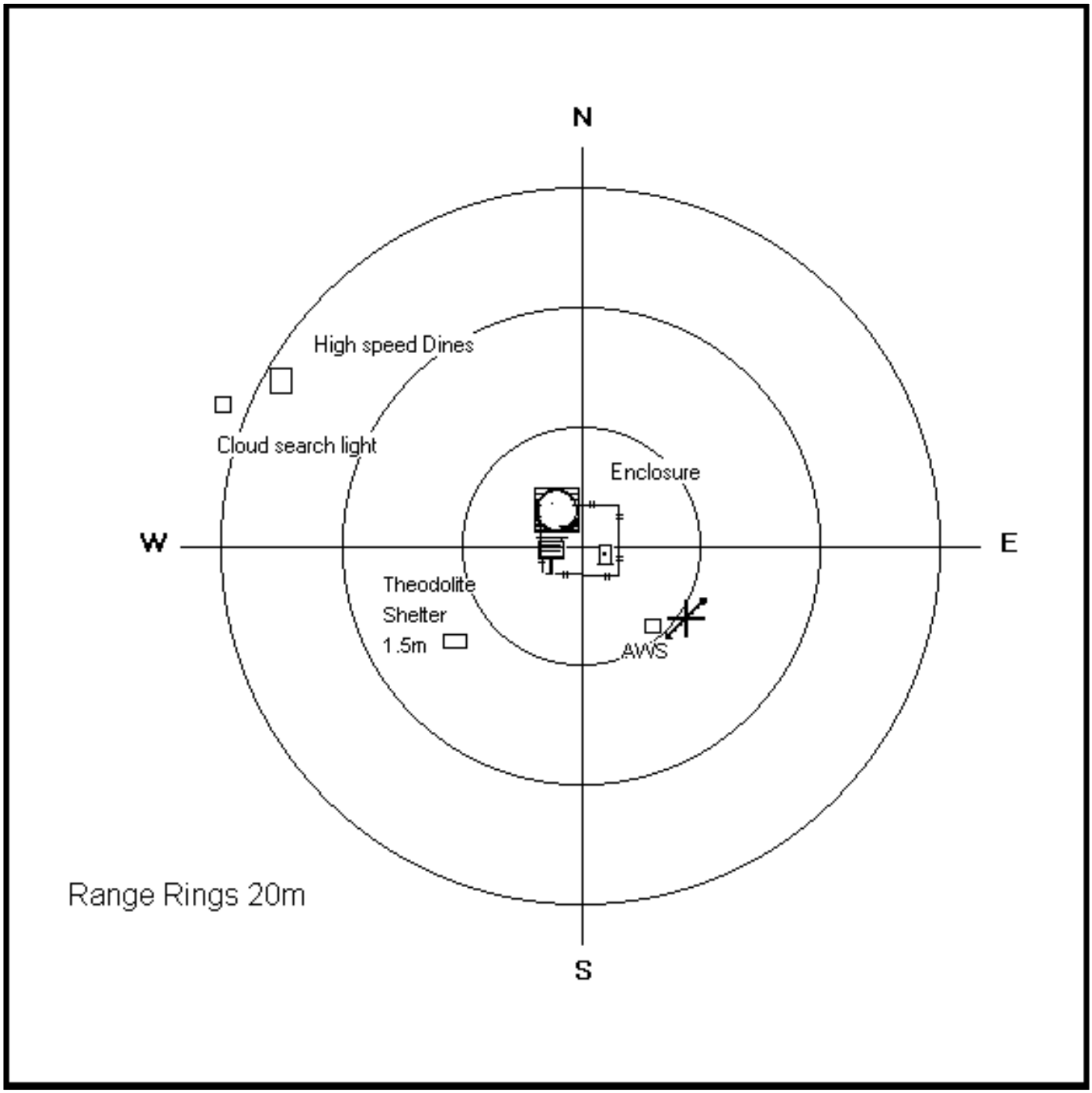
Instrument Location and Surrounding Features
21/10/2000



Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

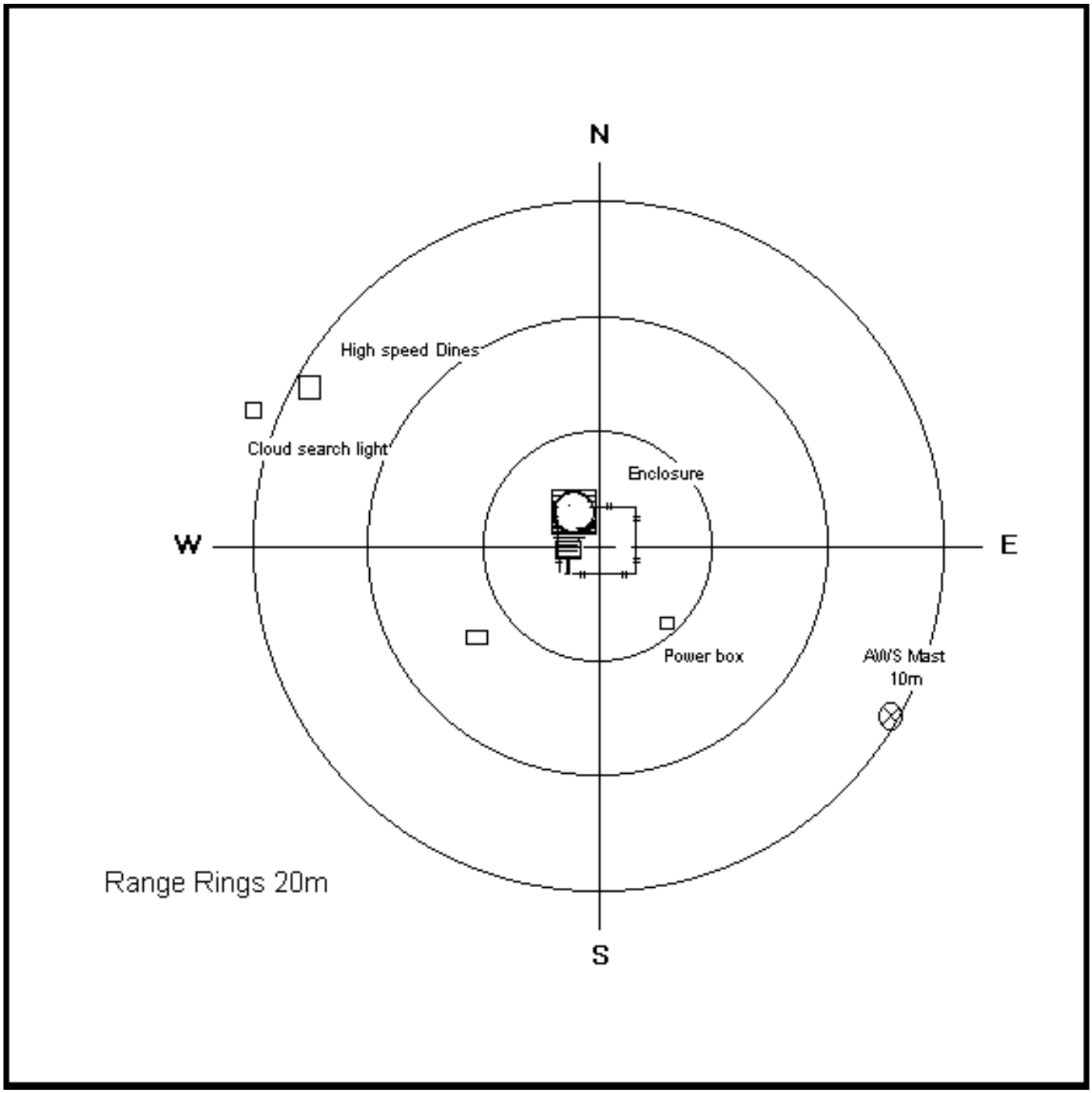
Instrument Location and Surrounding Features
31/10/1999



Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Instrument Location and Surrounding Features
08/11/1998



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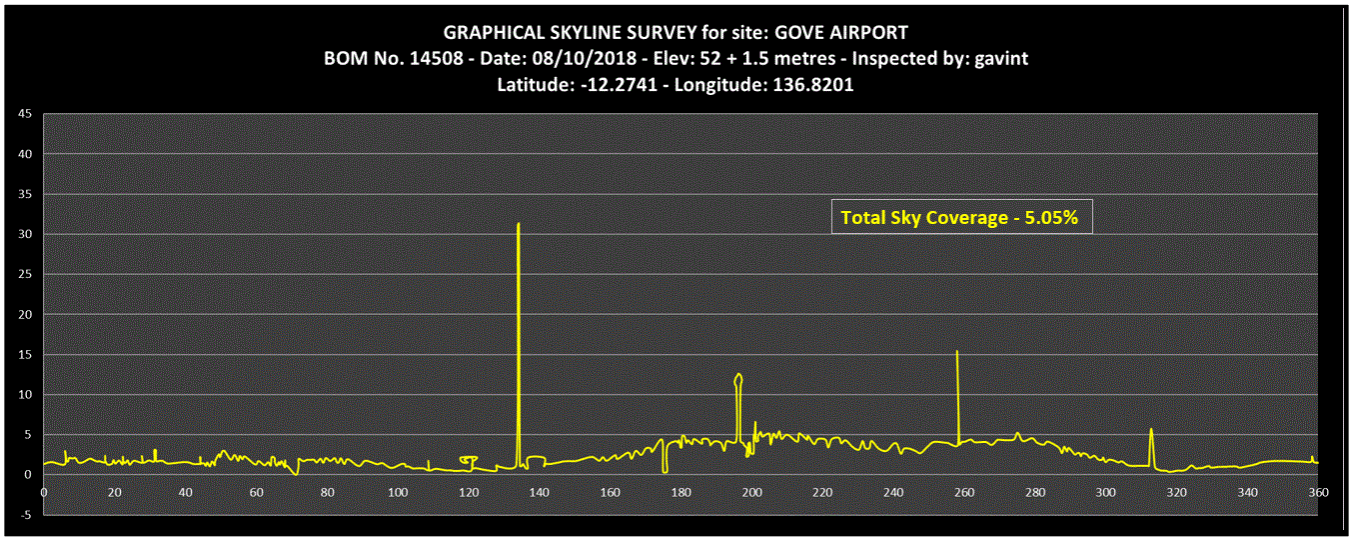
Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Skyline Diagram
08/10/2018(most recent)



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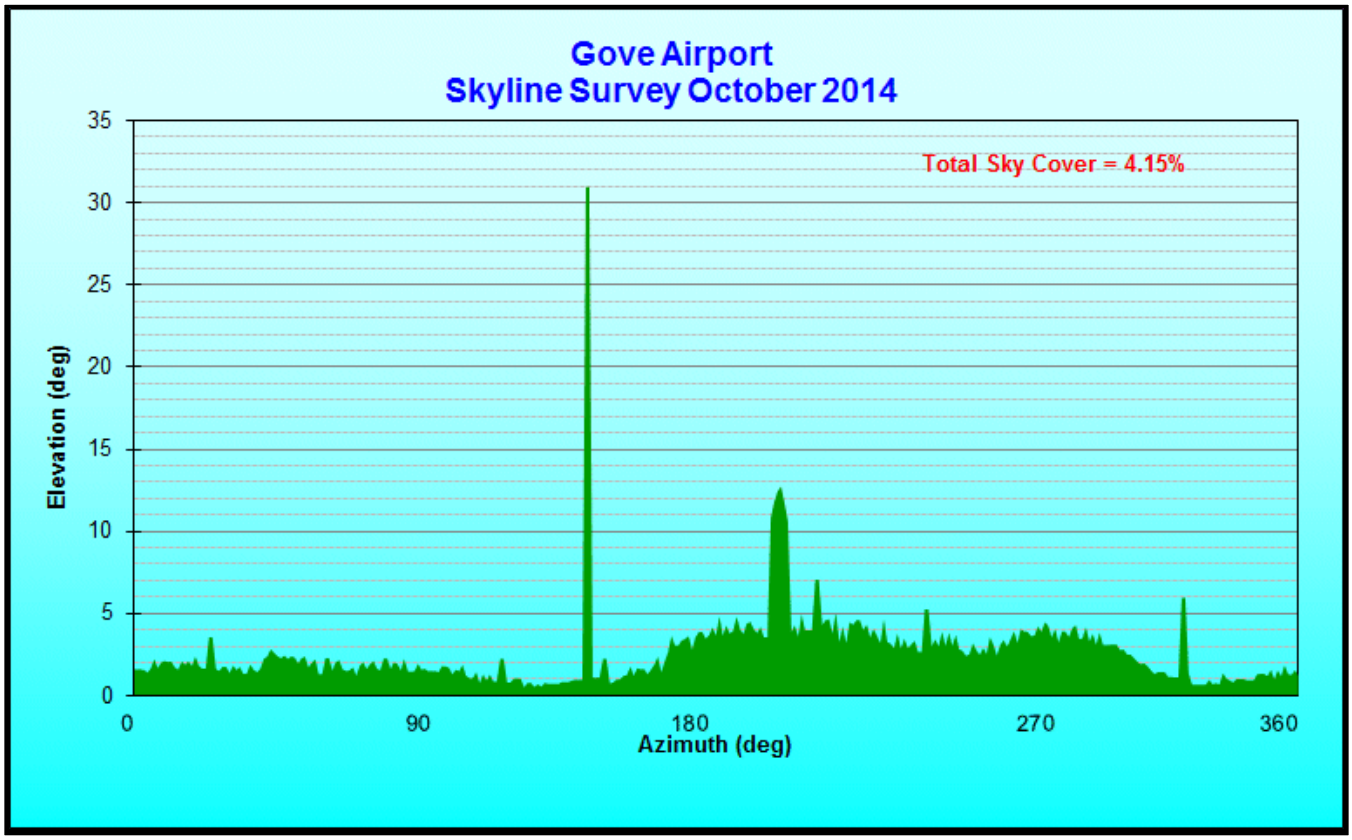
Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Skyline Diagram
11/10/2014



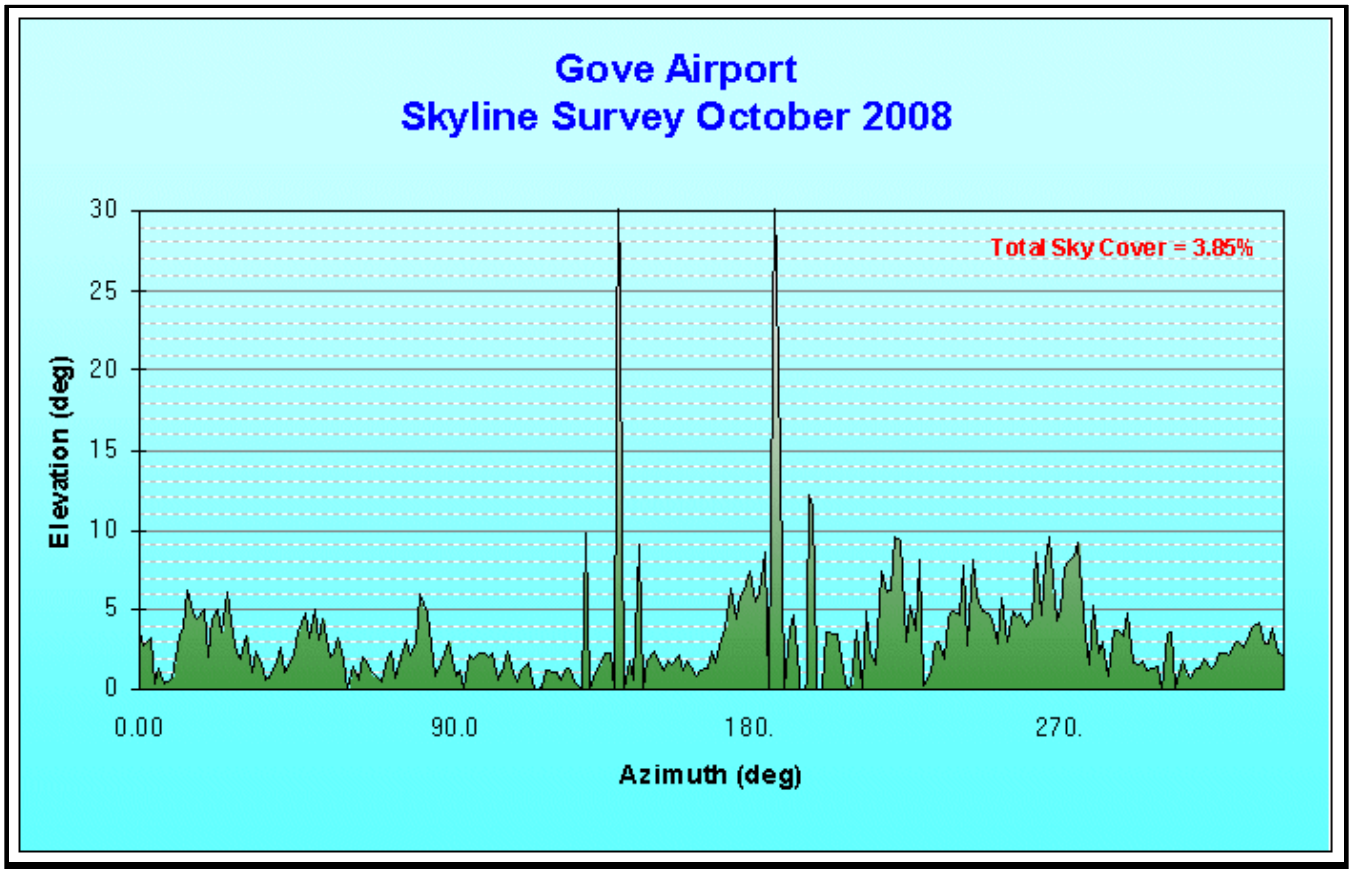
Extended Climatological Station Metadata

All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Skyline Diagram

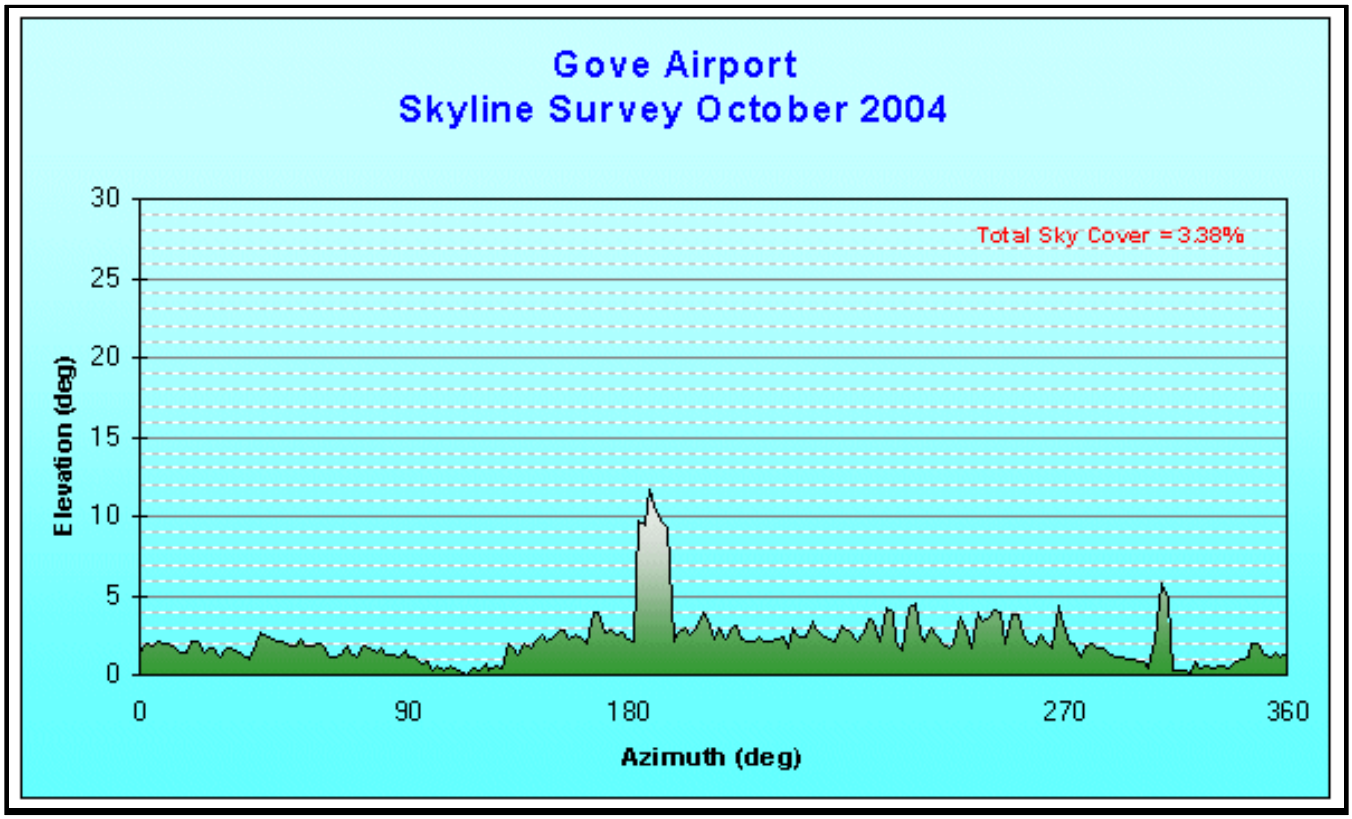
20/10/2008



Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

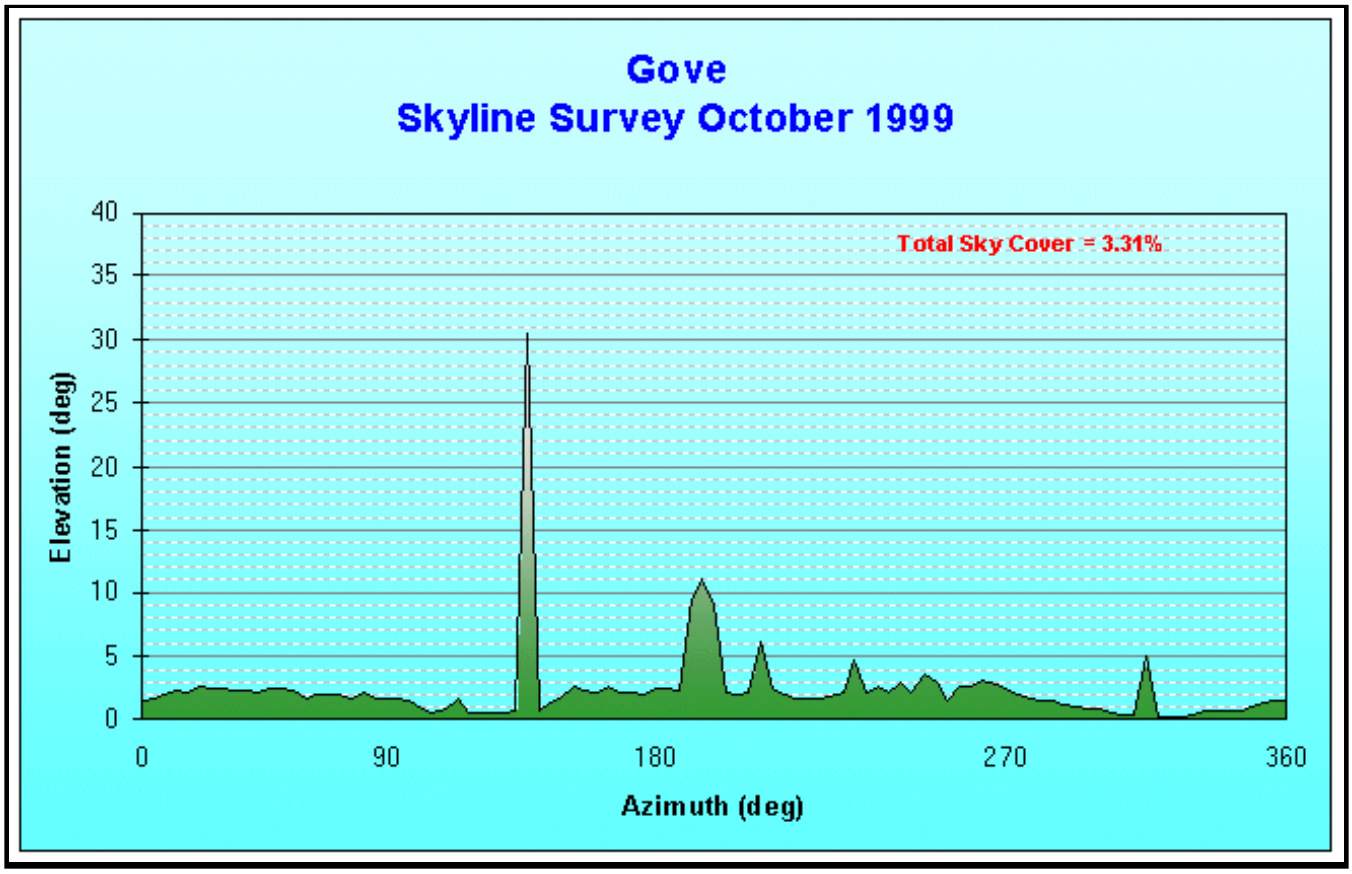
Skyline Diagram
11/10/2004



Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Skyline Diagram
31/10/1999



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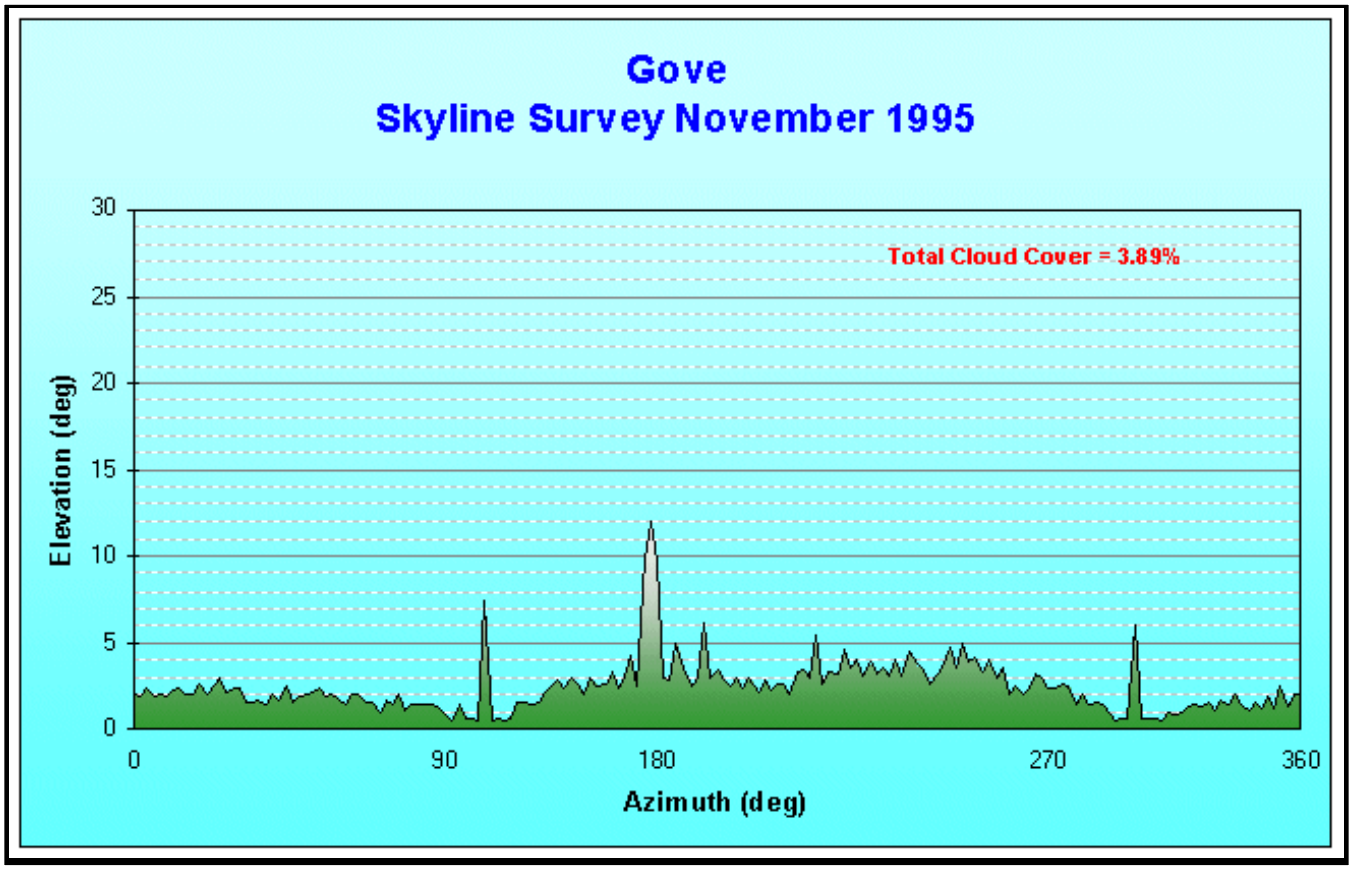
Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Skyline Diagram
09/11/1995



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Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Station Observation Program Summary (Surface Observations) from 01/02/1944 to 10/10/1991

Current Observation	Continuous	Half Hourly	Hourly
Surface Observations	-	Y	Y

Current Observation	Program Type	12 AM	3 AM	6 AM	9 AM	12 PM	3 PM	6 AM	9 AM
Surface Observation	PERFORMED	Y	Y	Y	Y	Y	Y	Y	Y
Surface Observation	REPORTED	Y	Y	Y	Y	Y	Y	Y	Y
Surface Observation	SEASONAL	-	-	-	-	-	-	-	-

Station Observation Program Summary (Surface Observations) from 10/10/1991 to 28/08/2002

Current Observation	Continuous	Half Hourly	Hourly
Surface Observations	-	Y	Y

Current Observation	Program Type	12 AM	3 AM	6 AM	9 AM	12 PM	3 PM	6 AM	9 AM
Surface Observation	PERFORMED	Y	Y	Y	Y	Y	Y	Y	Y
Surface Observation	REPORTED	Y	Y	Y	Y	Y	Y	Y	Y
Surface Observation	SEASONAL	-	-	-	-	-	-	-	-

Station Observation Program Summary (Surface Observations) from 28/08/2002 to 28/04/2016

Current Observation	Continuous	Half Hourly	Hourly
Surface Observations	Y	Y	Y

Current Observation	Program Type	12 AM	3 AM	6 AM	9 AM	12 PM	3 PM	6 AM	9 AM
Surface Observation	PERFORMED	Y	Y	Y	Y	Y	Y	Y	Y
Surface Observation	REPORTED	Y	Y	Y	Y	Y	Y	Y	Y
Surface Observation	SEASONAL	-	-	-	-	-	-	-	-

Station Observation Program Summary (Surface Observations) from 28/04/2016 to 20/04/2023

Current Observation	Continuous	Half Hourly	Hourly
Surface Observations	Y	Y	Y

Current Observation	Program Type	12 AM	3 AM	6 AM	9 AM	12 PM	3 PM	6 AM	9 AM
Surface Observation	PERFORMED	Y	Y	Y	Y	Y	Y	Y	Y
Surface Observation	REPORTED	Y	Y	Y	Y	Y	Y	Y	Y
Surface Observation	SEASONAL	-	-	-	-	-	-	-	-

Upper Air Routine 01/07/1999 to 01/08/2012

Flight type	Time UTC	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Wind & Temp.	00:00	Y	Y	Y	Y	Y	Y	Y
Wind & Temp.	06:00	-	-	-	-	-	-	-
Wind & Temp.	12:00							
Wind	00:00	Y	Y	Y	Y	Y	Y	Y
Wind	06:00	Y	Y	Y	Y	Y	Y	Y
Wind	12:00	Y	Y	Y	Y	Y	Y	Y
Wind	18:00							

Extended Climatological Station Metadata

All History

Station:	GOVE AIRPORT MET OFFICE			Location:	GOVE AIRPORT MET OFFICE			State:	NT
Bureau No.:	014508	WMO No.:	99996	Aviation ID:	GOV1	Opened:	01 Jan 1944	Current Status:	Closed
Latitude:	-12.2741	Longitude:	136.8201	Elevation:	51.6 m	Barometer Elev:	53.2 m	Metadata compiled:	28 JUL 2025

Upper Air Routine 01/08/2012 to 28/04/2016

Flight type	Time UTC	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Wind & Temp.	00:00	-	Y	-	Y	-	Y	Y
Wind & Temp.	06:00	-	-	-	-	-	-	-
Wind & Temp.	12:00	-	-	-	-	-	-	-
Wind & Temp.	18:00	-	-	-	-	-	-	-
Wind	00:00	Y	Y	Y	Y	Y	Y	Y
Wind	06:00	Y	Y	Y	Y	Y	Y	Y
Wind	12:00	Y	Y	Y	Y	Y	Y	Y
Wind	18:00	-	-	-	-	-	-	-

Upper Air Routine 28/04/2016 to 24/08/2019

Flight type	Time UTC	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Wind & Temp.	00:00	Y	Y	-	Y	Y	-	-
Wind & Temp.	06:00	-	-	-	-	-	-	-
Wind & Temp.	12:00	-	-	-	-	-	-	-
Wind & Temp.	18:00	-	-	-	-	-	-	-
Wind	00:00	Y	Y	Y	Y	Y	-	-
Wind	06:00	Y	Y	Y	Y	Y	-	-
Wind	12:00	-	-	-	-	-	-	-
Wind	18:00	-	-	-	-	-	-	-

Upper Air Routine 24/08/2019 (most recent)

Flight type	Time UTC	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Wind & Temp.	00:00	Y	Y	-	Y	Y	-	-
Wind & Temp.	06:00	-	-	-	-	-	-	-
Wind & Temp.	12:00	-	-	-	-	-	-	-
Wind & Temp.	18:00	-	-	-	-	-	-	-
Wind	00:00	Y	Y	-	Y	Y	-	-
Wind	06:00	-	-	-	-	-	-	-
Wind	12:00	-	-	-	-	-	-	-
Wind	18:00	-	-	-	-	-	-	-

Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Station Equipment History

Equipment Install/Remove

Cloud Height

14/JUL/2004 INSTALL Ceilometer (Type Vaisala CT25K S/N - Z10202) Surface Observations
19/APR/2023 REMOVE Ceilometer (Type Vaisala CL31 S/N - L3331030) Surface Observations
15/DEC/2014 REPLACE Ceilometer (Now Vaisala CL31 S/N - G5050001) Surface Observations
25/JUL/2012 REPLACE Ceilometer (Now Vaisala CL31 S/N - G5050005) Surface Observations
05/JUN/2019 REPLACE Ceilometer (Now Vaisala CL31 S/N - L3331030) Surface Observations
01/SEP/1966 INSTALL Cloud Base Searchlight (Type 63 Degree S/N - 413) Surface Observations
27/FEB/2015 REMOVE Cloud Base Searchlight (Type 63 Degree S/N - 413) Surface Observations

Humidity

04/JUN/2019 INSTALL Humidity Probe (Type Rotronics MP101A-T4-W4W S/N - 61803042) Surface Observations
20/APR/2023 REMOVE Humidity Probe (Type Rotronics MP101A-T4-W4W S/N - 61803042) Surface Observations

Pressure Trend

11/NOV/1985 INSTALL Barograph (Type Weekly S/N - CMO211) Surface Observations
20/APR/2023 REMOVE Barograph (Type Weekly S/N - CMO211) Surface Observations

Lightning

08/NOV/1998 INSTALL Lightning Flash Counter (Type CIGRE - Vertical Aerial S/N - Unknown) Surface Observations
27/FEB/2015 REMOVE Lightning Flash Counter (Type CIGRE - Vertical Aerial S/N - Unknown) Surface Observations

Sea Surface Temperature (No Electronic History)

Magnetic Bearing (No Electronic History)

Wind Direction

01/MAR/1972 INSTALL Anemometer (Type Dines - Hi Speed S/N - 797) Surface Observations
01/OCT/1985 INSTALL Anemometer (Type Dines - Hi Speed S/N - Unknown) Surface Observations
16/NOV/2016 INSTALL Anemometer (Type Synchrotac Cups - Type 732 S/N - 75045) Surface Observations
10/OCT/1991 INSTALL Anemometer (Type Synchrotac Vane - Type 706 S/N - 68593) Surface Observations
01/OCT/1985 INSTALL Mast Anemometer (Type Pivot, Standard 10m S/N - Unknown) Infrastructure
11/NOV/1985 INSTALL Wind Run Anemometer (Type Munro S/N - 36558) Surface Observations
20/APR/2023 REMOVE Anemometer (Type Dines - Hi Speed S/N - 797) Surface Observations
20/APR/2023 REMOVE Anemometer (Type Dines - Hi Speed S/N - Unknown) Surface Observations
20/APR/2023 REMOVE Anemometer (Type Synchrotac Cups - Type 732 S/N - 898824) Surface Observations
20/APR/2023 REMOVE Anemometer (Type Synchrotac Vane - Type 706 S/N - 75078) Surface Observations
20/APR/2023 REMOVE Wind Run Anemometer (Type Munro S/N - 36558) Surface Observations
23/OCT/2017 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - 898824) Surface Observations
07/MAR/2001 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - WD76462WS76374) Surface Observations
20/JUN/2003 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - WS82136,WD-NONE) Surface Observations
16/NOV/2016 REPLACE Anemometer (Now Synchrotac Vane - Type 706 S/N - 75078) Surface Observations
29/MAY/2008 REPLACE Anemometer (Now Synchrotac Vane - Type 706 S/N - D24/S24) Surface Observations
09/MAY/2006 REPLACE Anemometer (Now Synchrotac Vane - Type 706 S/N - W/S-D506W/D-D506) Surface Observations
20/AUG/2015 REPLACE Anemometer (Now Synchrotac Vane - Type 706 S/N - WD76498/WS76391) Surface Observations

Wet Bulb Temperature

10/OCT/1991 INSTALL Temperature Probe - Wet Bulb (Type Rosemount S/N - NONE) Surface Observations
04/JUN/2019 REMOVE Temperature Probe - Wet Bulb (Type Rosemount ST2401 S/N - 0253) Surface Observations
08/DEC/2010 REPLACE Temperature Probe - Wet Bulb (Now Rosemount ST2401 S/N - 0253) Surface Observations
13/AUG/2010 REPLACE Temperature Probe - Wet Bulb (Now Temp Control TCBMP01 S/N - 10268) Surface Observations

Extended Climatological Station Metadata
All History

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Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
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Station Equipment History (continued)

Equipment Install/Remove(Continued)

01/SEP/1966 INSTALL Thermometer, Mercury, Wet Bulb (Type Dobbie S/N - 4925) Surface Observations
20/APR/2023 REMOVE Thermometer, Mercury, Wet Bulb (Type Dobbie S/N - 12854) Surface Observations
23/FEB/2006 REPLACE Thermometer, Mercury, Wet Bulb (Now Dobbie S/N - 12854) Surface Observations

Solar Radiation (Long Wave) (No Electronic History)

Spectral Radiation (No Electronic History)

Maximum Temperature

01/SEP/1966 INSTALL Thermometer, Mercury, Max (Type Dobbie S/N - 4002) Surface Observations
28/APR/2016 REMOVE Thermometer, Mercury, Max (Type Dobbie S/N - CBM1280) Surface Observations
26/MAY/2013 REPLACE Thermometer, Mercury, Max (Now Dobbie S/N - CBM1280) Surface Observations

Soil Temperature 10cm

01/JAN/1985 INSTALL Thermometer, Soil, 10cm (Type Dobros S/N - 146) Surface Observations
28/APR/2016 REMOVE Thermometer, Soil, 10cm (Type Unknown S/N - 0270810) Surface Observations
21/OCT/2000 REPLACE Thermometer, Soil, 10cm (Now Dobros S/N - M2145) Surface Observations
11/JUN/2015 REPLACE Thermometer, Soil, 10cm (Now Unknown S/N - 0270810) Surface Observations
20/OCT/2008 REPLACE Thermometer, Soil, 10cm (Now Unknown S/N - 9604904) Surface Observations
07/JUN/2015 REPLACE Thermometer, Soil, 10cm (Now Unknown S/N - 9604908) Surface Observations

Soil Temperature 20cm

01/JAN/1985 INSTALL Thermometer, Soil, 20cm (Type Dobros S/N - 9566411) Surface Observations
28/APR/2016 REMOVE Thermometer, Soil, 20cm (Type Dobros S/N - 9725394) Surface Observations
20/OCT/2008 REPLACE Thermometer, Soil, 20cm (Now Dobros S/N - 9725394) Surface Observations

Soil Temperature 50cm

01/JAN/1985 INSTALL Thermometer, Soil, 50cm (Type Dobros S/N - 398) Surface Observations
28/APR/2016 REMOVE Thermometer, Soil, 50cm (Type Dobros S/N - M3572) Surface Observations
20/SEP/2008 REPLACE Thermometer, Soil, 50cm (Now Dobros S/N - M3572) Surface Observations
03/MAR/2007 REPLACE Thermometer, Soil, 50cm (Now Unknown S/N - M3577) Surface Observations

Snow Height (No Electronic History)

Soil Temperature 100cm

01/JAN/1985 INSTALL Thermometer, Soil, 100cm (Type Dobros S/N - 370) Surface Observations
28/APR/2016 REMOVE Thermometer, Soil, 100cm (Type Dobros S/N - 370) Surface Observations

Sunshine Hours

01/SEP/1968 INSTALL Sunshine Recorder (Type Campbell-Stokes S/N - 6023) Surface Observations
28/APR/2016 REMOVE Sunshine Recorder (Type Campbell-Stokes S/N - 6023) Surface Observations

Wind Run

11/NOV/1985 INSTALL Wind Run Anemometer (Type Munro S/N - 36558) Surface Observations
20/APR/2023 REMOVE Wind Run Anemometer (Type Munro S/N - 36558) Surface Observations

Minimum Temperature

01/SEP/1966 INSTALL Thermometer, Alcohol, Min (Type Dobbie S/N - 4687) Surface Observations
28/APR/2016 REMOVE Thermometer, Alcohol, Min (Type Dobbie S/N - 4687) Surface Observations

Terrestial Minimum Temperature

01/DEC/1985 INSTALL Thermometer, Terrestrial, Min (Type Dobbie S/N - 20505) Surface Observations
28/APR/2016 REMOVE Thermometer, Terrestrial, Min (Type WIKA S/N - 31919) Surface Observations
21/OCT/2001 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 20492) Surface Observations
25/OCT/2003 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 23292) Surface Observations

Extended Climatological Station Metadata
All History

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Station Equipment History (continued)

Equipment Install/Remove(Continued)

07/SEP/2006 REPLACE Thermometer, Terrestrial, Min (Now Unknown S/N - 20505) Surface Observations
08/FEB/2009 REPLACE Thermometer, Terrestrial, Min (Now WIKA S/N - 29095) Surface Observations
04/NOV/2012 REPLACE Thermometer, Terrestrial, Min (Now WIKA S/N - 29100) Surface Observations
17/JAN/2014 REPLACE Thermometer, Terrestrial, Min (Now WIKA S/N - 31919) Surface Observations
21/JAN/2013 REPLACE Thermometer, Terrestrial, Min (Now WIKA S/N - 32902) Surface Observations
01/MAY/2013 REPLACE Thermometer, Terrestrial, Min (Now WIKA S/N - 32972) Surface Observations

Visibility

14/JUL/2004 INSTALL Visibility Meter (Type Vaisala FD12 S/N - Z09202) Surface Observations
19/APR/2023 REMOVE Visibility Meter (Type Vaisala FD12 S/N - Z09202) Surface Observations

Soil Temperature 5cm (No Electronic History)

Sub Surface Temperature (No Electronic History)

Electrical Conductivity (No Electronic History)

Oxygen Content (No Electronic History)

RF Reflectivity

01/OCT/1985 INSTALL Equipment Shelter (Type Radar - Purpose Built Building S/N - 94150) Infrastructure
06/DEC/2007 INSTALL Radar (Type TVDR 2500C S/N - 002) WeatherWatch
08/NOV/1985 INSTALL Radar (Type WF100-5C S/N - 00031) Upper Air
08/NOV/1985 INSTALL Radar (Type WF100-5C S/N - 00031) WeatherWatch
06/DEC/2007 INSTALL Radar Interface (Type BOM S/N - NONE) WeatherWatch
16/MAY/2014 INSTALL Radar Safety System (RSS) (Type RSS (2502C/8502S) S/N - 5523-02) WeatherWatch
06/DEC/2007 INSTALL Radar Tower (Type Cylindrical WSR74 - 22.45 m S/N - NONE) Infrastructure
01/OCT/1985 INSTALL Radar Tower (Type Lattice WF100 - 18.0 m S/N - Unknown) Infrastructure
24/AUG/2019 REMOVE Radar (Type TVDR 2500C S/N - 002) Upper Air
12/JUL/2023 REMOVE Radar (Type TVDR 2500C S/N - 002) WeatherWatch
05/MAR/2008 REMOVE Radar (Type WF100-5C S/N - 00031) Upper Air
05/MAR/2008 REMOVE Radar (Type WF100-5C S/N - 00031) WeatherWatch
12/JUL/2023 REMOVE Radar Interface (Type BOM S/N - NONE) WeatherWatch
12/JUL/2023 REMOVE Radar Safety System (RSS) (Type RSS (2502C/8502S) S/N - 5523-02) WeatherWatch
30/JUN/2014 REMOVE Radar Tower (Type Lattice WF100 - 18.0 m S/N - Unknown) Infrastructure
08/FEB/2011 SHARE Radar (Type TVDR 2500C S/N - 002) Upper Air

Total Column Ozone Amount (No Electronic History)

Pressure

11/NOV/1985 INSTALL Barometer (Type Kew pattern mercury S/N - 1866) Surface Observations
10/OCT/1991 INSTALL Barometer (Type Vaisala DPA25 S/N - 229823) Surface Observations
10/OCT/1991 REMOVE Barometer (Type Kew pattern mercury S/N - 1866) Surface Observations
20/APR/2023 REMOVE Barometer (Type Vaisala PTB330B (General Use) S/N - G2970020) Surface Observations
05/DEC/1996 REPLACE Barometer (Now Vaisala PA11A S/N - 653249) Surface Observations
25/OCT/2003 REPLACE Barometer (Now Vaisala PA11A S/N - 661856) Surface Observations
01/AUG/1994 REPLACE Barometer (Now Vaisala PA11A S/N - 667114) Surface Observations
08/NOV/1998 REPLACE Barometer (Now Vaisala PA11A S/N - 679516) Surface Observations
14/MAR/2008 REPLACE Barometer (Now Vaisala PA11A S/N - 679521) Surface Observations
07/DEC/2011 REPLACE Barometer (Now Vaisala PTB330B (General Use) S/N - G2970020) Surface Observations

Evaporation

Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Station Equipment History (continued)

Equipment Install/Remove(Continued)

03/NOV/2017 INSTALL Equipment Reset Device (Type Watchdog Automatic Evaporation Pan S/N - NONE) Surface Observations
01/JAN/1966 INSTALL Evaporation Pan (Type Class A S/N - NONE) Surface Observations
03/NOV/2017 INSTALL Evaporation Pan (Type SS Class A Automatic S/N - NONE) Surface Observations
20/APR/2023 REMOVE Equipment Reset Device (Type Watchdog Automatic Evaporation Pan S/N - NONE) Surface Observations
20/APR/2023 REMOVE Evaporation Pan (Type Class A S/N - NONE) Surface Observations
20/APR/2023 REMOVE Evaporation Pan (Type SS Class A Automatic S/N - NONE) Surface Observations
14/FEB/2018 REPLACE Equipment Reset Device (Now Watchdog Automatic Evaporation Pan S/N - NONE) Surface Observations
27/SEP/2015 REPLACE Evaporation Pan (Now Class A S/N - NONE) Surface Observations

Rainfall

01/JUN/1966 INSTALL Pluviograph (Type Dines syphoning S/N - CBM321) Rainfall Intensity
29/JUN/2009 REMOVE Pluviograph (Type Dines syphoning S/N - CBM385) Rainfall Intensity
22/APR/2005 REPLACE Pluviograph (Now Dines syphoning S/N - CBM385) Rainfall Intensity
01/JAN/2000 INSTALL Raingauge (Type 127 mm (5in) - 500mm capacity S/N - NONE) Surface Observations
01/FEB/1944 INSTALL Raingauge (Type 203 mm (8in) - 200mm capacity S/N - NONE) Surface Observations
03/NOV/2017 INSTALL Raingauge (Type HS-TB3/0.1/P S/N - Unknown) Surface Observations
10/OCT/1991 INSTALL Raingauge (Type Rimco 7499 TBRG S/N - 312490) Surface Observations
20/APR/2023 REMOVE Raingauge (Type 127 mm (5in) - 500mm capacity S/N - NONE) Surface Observations
20/APR/2023 REMOVE Raingauge (Type 203 mm (8in) - 200mm capacity S/N - NONE) Surface Observations
20/APR/2023 REMOVE Raingauge (Type HS-TB3/0.1/P S/N - Unknown) Surface Observations
26/JUN/2020 REMOVE Raingauge (Type Rimco 7499 TBRG S/N - 85864) Rainfall Intensity
20/APR/2023 REMOVE Raingauge (Type Rimco 7499 TBRG S/N - 85864) Surface Observations
23/SEP/2013 REPLACE Raingauge (Now Rimco 7499 TBRG S/N - 370) Rainfall Intensity
23/SEP/2013 REPLACE Raingauge (Now Rimco 7499 TBRG S/N - 370) Surface Observations
07/MAR/2006 REPLACE Raingauge (Now Rimco 7499 TBRG S/N - 84585) Rainfall Intensity
07/MAR/2006 REPLACE Raingauge (Now Rimco 7499 TBRG S/N - 84585) Surface Observations
16/MAY/2014 REPLACE Raingauge (Now Rimco 7499 TBRG S/N - 85864) Rainfall Intensity
16/MAY/2014 REPLACE Raingauge (Now Rimco 7499 TBRG S/N - 85864) Surface Observations
19/FEB/2001 REPLACE Raingauge (Now Rimco TBRG (type unspecified) S/N - 322390) Rainfall Intensity
19/FEB/2001 REPLACE Raingauge (Now Rimco TBRG (type unspecified) S/N - 322390) Surface Observations
23/APR/1999 REPLACE Raingauge (Now Rimco TBRG (type unspecified) S/N - 476) Rainfall Intensity
23/APR/1999 REPLACE Raingauge (Now Rimco TBRG (type unspecified) S/N - 476) Surface Observations
25/OCT/2003 SHARE Raingauge (Type Rimco 7499 TBRG S/N - 312490) Rainfall Intensity
25/OCT/2003 SHARE Raingauge (Type Rimco 7499 TBRG S/N - 370) Rainfall Intensity
25/OCT/2003 SHARE Raingauge (Type Rimco 7499 TBRG S/N - 84585) Rainfall Intensity
25/OCT/2003 SHARE Raingauge (Type Rimco 7499 TBRG S/N - 85864) Rainfall Intensity
25/OCT/2003 SHARE Raingauge (Type Rimco TBRG (type unspecified) S/N - 322390) Rainfall Intensity
25/OCT/2003 SHARE Raingauge (Type Rimco TBRG (type unspecified) S/N - 476) Rainfall Intensity

River Height (No Electronic History)

Solar Radiation (No Electronic History)

Solar Radiation (Direct) (No Electronic History)

Turbidity (No Electronic History)

Sea Water Level (No Electronic History)

Sea Water Temperature

Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Station Equipment History (continued)

Equipment Install/Remove(Continued)

03/NOV/2017 INSTALL Temperature Probe - Water (Type TEMP CONTROLS TCBMP02A S/N - Unknown) Surface Observations
20/APR/2023 REMOVE Temperature Probe - Water (Type TEMP CONTROLS TCBMP02A S/N - Unknown) Surface Observations
14/FEB/2018 REPLACE Temperature Probe - Water (Now TEMP CONTROLS TCBMP02A S/N - Unknown) Surface Observations

Wind Speed

01/MAR/1972 INSTALL Anemometer (Type Dines - Hi Speed S/N - 797) Surface Observations
01/OCT/1985 INSTALL Anemometer (Type Dines - Hi Speed S/N - Unknown) Surface Observations
16/NOV/2016 INSTALL Anemometer (Type Synchrotac Cups - Type 732 S/N - 75045) Surface Observations
10/OCT/1991 INSTALL Anemometer (Type Synchrotac Vane - Type 706 S/N - 68593) Surface Observations
01/OCT/1985 INSTALL Mast Anemometer (Type Pivot, Standard 10m S/N - Unknown) Infrastructure
11/NOV/1985 INSTALL Wind Run Anemometer (Type Munro S/N - 36558) Surface Observations
20/APR/2023 REMOVE Anemometer (Type Dines - Hi Speed S/N - 797) Surface Observations
20/APR/2023 REMOVE Anemometer (Type Dines - Hi Speed S/N - Unknown) Surface Observations
20/APR/2023 REMOVE Anemometer (Type Synchrotac Cups - Type 732 S/N - 898824) Surface Observations
20/APR/2023 REMOVE Anemometer (Type Synchrotac Vane - Type 706 S/N - 75078) Surface Observations
20/APR/2023 REMOVE Wind Run Anemometer (Type Munro S/N - 36558) Surface Observations
23/OCT/2017 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - 898824) Surface Observations
07/MAR/2001 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - WD76462WS76374) Surface Observations
20/JUN/2003 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - WS82136,WD-NONE) Surface Observations
16/NOV/2016 REPLACE Anemometer (Now Synchrotac Vane - Type 706 S/N - 75078) Surface Observations
29/MAY/2008 REPLACE Anemometer (Now Synchrotac Vane - Type 706 S/N - D24/S24) Surface Observations
09/MAY/2006 REPLACE Anemometer (Now Synchrotac Vane - Type 706 S/N - W/S-D506W/D-D506) Surface Observations
20/AUG/2015 REPLACE Anemometer (Now Synchrotac Vane - Type 706 S/N - WD76498/WS76391) Surface Observations

Air Temperature

04/JUN/2019 INSTALL Humidity Probe (Type Rotronics MP101A-T4-W4W S/N - 61803042) Surface Observations
20/APR/2023 REMOVE Humidity Probe (Type Rotronics MP101A-T4-W4W S/N - 61803042) Surface Observations
10/OCT/1991 INSTALL Temperature Probe - Dry Bulb (Type Rosemount S/N - NONE) Surface Observations
20/APR/2023 REMOVE Temperature Probe - Dry Bulb (Type Temp Control TCBMP01 S/N - 10253) Surface Observations
13/AUG/2010 REPLACE Temperature Probe - Dry Bulb (Now Temp Control TCBMP01 S/N - 10253) Surface Observations
01/SEP/1966 INSTALL Thermometer, Mercury, Dry Bulb (Type Dobbie S/N - 5121) Surface Observations
20/APR/2023 REMOVE Thermometer, Mercury, Dry Bulb (Type Dobbie S/N - 16749) Surface Observations
09/DEC/2010 REPLACE Thermometer, Mercury, Dry Bulb (Now Dobbie S/N - 16749) Surface Observations

Surface Inclination (No Electronic History)

The following table summarises information on field performance checks available electronically over the period indicated. The number of instances an instrument was found to fail field performance checks should only be used as a guide. A system of data quality flags is implemented by the Bureau of Meteorology to indicate the data quality of an observation as determined by a mutli-stage quality control process.

Available Date Range	Element	Fail Field Performance Check
29/MAY/2008 - 21/APR/2021	Cloud Height	0
04/JUN/2019 - 28/SEP/2020	Humidity	0
11/OCT/1999 - 21/APR/2021	Wind Direction	5
11/OCT/1999 - 08/APR/2019	Wet Bulb Temperature	1

Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
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Station Equipment History (continued)

Available Date Range	Element	Fail Field Performance Check
20/OCT/2008 - 20/OCT/2008	Wind Run	0
14/JUL/2004 - 21/APR/2021	Visibility	2
14/DEC/2001 - 23/APR/2021	RF Reflectivity	2
26/SEP/1996 - 21/APR/2021	Pressure	0
21/OCT/2000 - 08/OCT/2018	Evaporation	0
08/NOV/1998 - 21/APR/2021	Rainfall	11
11/OCT/1999 - 21/APR/2021	Wind Speed	5
11/OCT/1999 - 21/APR/2021	Air Temperature	0

Station Detail Changes

09/MAY/2006 CLASSIFICATION AWS Funding - Aviation Funded Assets (AVAF)
12/OCT/2020 CLASSIFICATION AWS Priority 2 - Important (SLP2-AWS)
26/JUN/2002 CLASSIFICATION CLIMAT Stations (CLC)
26/JUN/2002 CLASSIFICATION CLIMAT TEMP Stations (CLT)
09/MAY/2006 CLASSIFICATION Category B (TAF B) ENDED 05-03-2015
05/MAR/2015 CLASSIFICATION Category C (TAF C)
10/JAN/2011 CLASSIFICATION Critical (ASOSCRIT)
01/MAY/1997 CLASSIFICATION GCOS Surface Network (GSN)
01/JUL/2018 CLASSIFICATION HQ EVAPORATION (HQEVAP)
01/JUL/1998 CLASSIFICATION Information and Observations (MIO)
30/AUG/2021 CLASSIFICATION Mastered in EAMS (EAMS)
21/MAR/2016 CLASSIFICATION Processed by ASOS (PBA)
01/JUL/1998 CLASSIFICATION Rawinsonde Stations (RS)
01/SEP/1992 CLASSIFICATION Reference Climate Stations (RCS) ENDED 30-06-2011
14/FEB/1997 CLASSIFICATION Regional Basic Synoptic Network (RBSN)
10/JUN/2014 CLASSIFICATION Standard Aviation or Defence (AVSTD) ENDED 16-10-2020
19/DEC/2012 OBJECT Document/ F611-Feb 2011
21/MAR/2017 OBJECT Document/Backlash March 2017
08/APR/2019 OBJECT Document/CEILOMETER STATUS
23/OCT/2017 OBJECT Document/CEILOMETER STATUS
08/OCT/2018 OBJECT Document/CEILOMETER STATUS
17/APR/2014 OBJECT Document/CEILOMETER STATUS
08/JUL/2014 OBJECT Document/CEILOMETER STATUS
15/JUL/2011 OBJECT Document/CEILOMETER STATUS
20/APR/2012 OBJECT Document/CEILOMETER STATUS
26/JUN/2020 OBJECT Document/CEILOMETER STATUS
28/SEP/2020 OBJECT Document/CEILOMETER STATUS
30/SEP/2019 OBJECT Document/CEILOMETER STATUS
21/APR/2021 OBJECT Document/CEILOMETER STATUS
11/OCT/2015 OBJECT Document/CEILOMETER STATUS
16/APR/2004 OBJECT Document/Equipment_site_specific_parts_YPGV
12/MAR/2019 OBJECT Document/External Visual Inspection V104 12032019
22/MAR/2017 OBJECT Document/External Visual Inspection V104 22032017

Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Station Equipment History (continued)

Station Detail Changes(Continued)

12/MAR/2019 OBJECT Document/External Visual Inspection V105 12032019
22/MAR/2017 OBJECT Document/External Visual Inspection V105 22032017
12/MAR/2019 OBJECT Document/External Visual Inspection V106 12032019
22/MAR/2017 OBJECT Document/External Visual Inspection V106 22032017
12/MAR/2019 OBJECT Document/External Visual Inspection V107 12032019
22/MAR/2017 OBJECT Document/External Visual Inspection V107 22032017
27/MAR/2013 OBJECT Document/F611-2013
27/MAR/2014 OBJECT Document/F611-2014
12/MAR/2019 OBJECT Document/F611-2019
26/OCT/2012 OBJECT Document/Gas storage visual inspection 09_12
13/APR/2017 OBJECT Document/Gove Hogen Log
11/JUL/2016 OBJECT Document/Gove RTS July16
28/APR/2016 OBJECT Document/Gove Radar Cal Apr16
01/MAY/2008 OBJECT Document/GoveHogenCAL
07/JUL/2017 OBJECT Document/Gove_3-7Jul_Upperair
01/APR/2015 OBJECT Document/HOGEN MAINTENANCE CHECKSHEET
02/APR/2015 OBJECT Document/HOGEN MAINTENANCE CHECKSHEET
11/MAR/2016 OBJECT Document/HOGEN MAINTENANCE CHECKSHEET
25/AUG/2016 OBJECT Document/HOGEN MAINTENANCE CHECKSHEET
22/MAR/2017 OBJECT Document/HOGEN MAINTENANCE CHECKSHEET
12/MAR/2019 OBJECT Document/HOGEN MAINTENANCE CHECKSHEET
22/MAR/2017 OBJECT Document/HOGEN_Maint_NT_22032017
22/JUL/2015 OBJECT Document/Hogen Log
11/MAR/2016 OBJECT Document/Hogen Log
25/AUG/2016 OBJECT Document/Hogen log Aug16
25/AUG/2016 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
21/MAR/2017 OBJECT Document/RADAR Performance Checks Mar 2017
01/APR/2015 OBJECT Document/RBL MAINTENANCE CHECKSHEET
11/MAR/2016 OBJECT Document/RBL MAINTENANCE CHECKSHEET
12/MAR/2019 OBJECT Document/RBL MAINTENANCE CHECKSHEET
22/MAR/2017 OBJECT Document/RBL_Maint_NT_22032017
22/JUL/2015 OBJECT Document/Radar Log
25/AUG/2016 OBJECT Document/Radar Log Apr 16
06/APR/2017 OBJECT Document/Radar RTS log Apr 17
25/AUG/2016 OBJECT Document/Radar log Aug16
11/OCT/2014 OBJECT Document/SKYLINE DATA
08/OCT/2018 OBJECT Document/SKYLINE DATA
20/OCT/2008 OBJECT Document/SKYLINE DATA
31/OCT/1999 OBJECT Document/SKYLINE DATA
09/NOV/1995 OBJECT Document/SKYLINE DATA
11/OCT/2004 OBJECT Document/SKYLINE DATA
10/DEC/2007 OBJECT Document/SKYLINE DATA - RADAR
11/OCT/2004 OBJECT Document/SKYLINE DATA - RADAR

Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Station Equipment History (continued)

Station Detail Changes(Continued)

31/OCT/1999 OBJECT Document/SKYLINE DATA - RADAR
12/MAR/2019 OBJECT Document/Safety Shower annual 2019
08/APR/2019 OBJECT Document/VISIBILITY METER STATUS
08/OCT/2018 OBJECT Document/VISIBILITY METER STATUS
17/APR/2014 OBJECT Document/VISIBILITY METER STATUS
15/JUL/2011 OBJECT Document/VISIBILITY METER STATUS
26/JUN/2020 OBJECT Document/VISIBILITY METER STATUS
28/SEP/2020 OBJECT Document/VISIBILITY METER STATUS
07/APR/2021 OBJECT Document/VISIBILITY METER STATUS
30/SEP/2019 OBJECT Document/VISIBILITY METER STATUS
21/APR/2021 OBJECT Document/VISIBILITY METER STATUS
01/APR/2015 OBJECT Document/WATER TREATMENT PLANT CHECKSHEET
11/MAR/2016 OBJECT Document/WATER TREATMENT PLANT CHECKSHEET
25/AUG/2016 OBJECT Document/WATER TREATMENT PLANT CHECKSHEET
12/MAR/2019 OBJECT Document/WATER TREATMENT PLANT CHECKSHEET
29/MAY/2003 OBJECT Document/YPGV_May03_Radwin_Fault
01/JAN/1944 STATION - (nondb seeding) Opened
01/JAN/1944 STATION - (nondb seeding) aero_ht Changed to 54.3
01/JAN/1944 STATION - (nondb seeding) bar_ht Changed to 53.2
01/JAN/1944 STATION - (nondb seeding) bar_ht_deriv Changed to MAP 1:250 000
01/JAN/1944 STATION - (nondb seeding) stn_ht Changed to 51.6
01/JAN/1944 STATION - (nondb seeding) stn_ht_deriv Changed to MAP 1:250 000
01/JAN/1944 STATION - (nondb seeding) wmo_num Changed to 94150
30/NOV/2023 STATION Closed
28/FEB/2005 STATION aero_ht Changed to 62.5
28/FEB/2005 STATION aero_ht_deriv Changed to SURVEY
19/APR/2023 STATION aviation_id Changed to GOV1
01/JAN/1944 STATION aviation_id Changed to YPGV
01/JAN/1944 STATION latitude Changed to -12.2741
08/SEP/2016 STATION latitude Changed to -12.27410
08/NOV/1998 STATION latlon_deriv Changed to GPS
08/SEP/2016 STATION latlon_deriv Changed to GPS
08/SEP/2016 STATION latlon_error Changed to 2
08/NOV/1998 STATION latlon_error Changed to 4
08/SEP/2016 STATION longitude Changed to 136.82014
01/JAN/1944 STATION longitude Changed to 136.8203
08/NOV/1998 STATION lu_0_100m Changed to Airport
08/NOV/1998 STATION lu_100m_1km Changed to Airport
08/NOV/1998 STATION lu_1km_10km Changed to Forest
01/JAN/1944 STATION name Changed to GOVE AIRPORT
19/APR/2023 STATION name Changed to GOVE AIRPORT MET OFFICE
08/NOV/1998 STATION soil_type Changed to red soil
08/NOV/1998 STATION surface_type Changed to partly covered by grass

Extended Climatological Station Metadata
All History

Station:	GOVE AIRPORT MET OFFICE			**Location:**	GOVE AIRPORT MET OFFICE			**State:**	NT
Bureau No.:	014508	**WMO No.:**	99996	**Aviation ID:**	GOV1	**Opened:**	01 Jan 1944	**Current Status:**	Closed
Latitude:	-12.2741	**Longitude:**	136.8201	**Elevation:**	51.6 m	**Barometer Elev:**	53.2 m	**Metadata compiled:**	28 JUL 2025

Station Equipment History (continued)

Station Detail Changes(Continued)

19/APR/2023 STATION wmo_num Changed to 99996

System Changes

01/FEB/1944 SYSTEM Infrastructure Commenced
26/JUN/2020 SYSTEM Rainfall Intensity Ceased
01/JUN/1966 SYSTEM Rainfall Intensity Commenced
01/JAN/2007 SYSTEM Reference Standards Commenced
20/APR/2023 SYSTEM Surface Observations Ceased
01/FEB/1944 SYSTEM Surface Observations Commenced
01/JAN/1985 SYSTEM Upper Air Commenced
12/JUL/2023 SYSTEM WeatherWatch Ceased
01/JAN/1985 SYSTEM WeatherWatch Commenced

Notes on these metadata

The following notes have been compiled to assist with interpreting the metadata provided in this document. These notes are subject to change as the network evolves. Changes in station-specific metadata occur more frequently, both as recent changes are recorded and historical information is transferred from paper file to electronic database.

Reliability of the metadata

The Commonwealth Bureau of Meteorology maintains information on more than 20,000 stations which have operated since observations began in the mid 1800s. The amount of information available for each of these sites and its associated uncertainty are influenced by a number of factors including the type and purpose of the station and the time over which it operated.

Early information about stations was held only on paper file. In 1998 a corporate electronic database was established to help maintain information about the network and its components. The number of parameters recorded about a station is now much greater than before this database was established. The national database has also helped improve consistency in the metadata through the implementation of predefined fields. As a result, and through the refinement of operating procedures, station metadata recorded since 1998 are of a higher overall standard than previously, although occasional omissions and errors are still possible.

The Bureau is part way through a task of entering historical information held on paper file into the corporate database. **Until this process is completed there will remain large gaps in the information contained in these metadata documents and considerable caution should be used when deriving conclusions from the metadata.** As an example, two consecutive entries about a rain gauge dated 50 years apart may appear in the equipment metadata. This may either mean that nothing happened to that instrument over the 50 years, or that information for the intervening period has yet to be entered into the database. Similarly, if no information was available about instruments at a site when it was first established, fields which were required to have a value present may have used the earliest information available as a best-guess estimate. Sometimes this was the metadata current when the database was established in 1998. In some instances there may be gaps in metadata relevant to the post 1998 period.

For the above reasons it is recommended that all metadata prior to 1998 be considered as indicative only, and used with caution, unless it has been quality controlled. The Bureau of Meteorology should be contacted if further information or confirmation of the data is required. Depending on the nature of the inquiry there may be a fee associated with this request. Contact details are provided in the telephone book for each capital city or the Bureau's web site at:
http://www.bom.gov.au

The following pages contain explanatory notes for selected terms found in this document.

Station Number

The Bureau of Meteorology station number uniquely specifies a station and is not intended to change over time time, although on very rare occasions a station number may change or be deleted from the record (usually to correct an error). Generally a new station number is established if an existing station changes in a way that would affect the climate data record for that site (measured in terms of air temperature and precipitation). Significant station moves are an example of this.

Some stations also possess a World Meteorological Organization (WMO) station number. The WMO number is different to the Bureau of Meteorology number. It also uniquely specifies a station at any given time but can be reassigned to another station if the new station takes priority in the global reporting network. Only selected stations will have a WMO number. Significant stations may maintain their WMO number for many decades.

Notes on these metadata

Network Classification

SUPPORTING the BASIC CLIMATE SERVICE
Global Climate Observing System (GCOS)
GCOS Upper Air Network (GUAN)
GCOS Surface Network (GSN)
National Climate Network {not yet assigned}
Reference Climate Stations (RCS)
Regional Basic Climatological Network (RBCN)
CLIMAT Stations (CLC)
CLIMAT TEMP Stations (CLT)
SUPPORTING the NATIONAL WEATHER WATCH SYSTEM
WMO Global Observing System (GOS)
GOS Upper Air Network
GOS Satellite Network
Global Atmospheric Watch
Background Atmospheric Pollution Monitoring Network (BAPMON)
Basic Ozone Network
Basic Solar and Terrestrial Radiation Network
Regional Basic Synoptic Network (RBSN)
WMO Global Oceanic Observing System (GOOS)
SUPPORTING the BASIC WEATHER SERVICE (BWS)
BWS Land Network
Significant Land Locations
Capital City Mesonets
National Benchmark Network for Agrometeorology (NBNA)
BWS Marine Network
Significant Coastal Loactions
Open Ocean Network
BWS Upper Air Network
Major Significant Locations
BWS Remote Sensing Network
Weather Watch Radar Network
Fire Weather Wind Mesonets
High Resolution Satellite
SUPPORTING the BASIC HYDROLOGICAL SERVICE
Regional Flood Warning Network
Water Resources Assessment Network
Global Hydrological Network
Global Terrestrial Observing System (GTOS)
World Hydrological Cycle Observing System (WHYCOS)
National Hydrological Network

Networks of stations are defined for a variety of purposes (as defined in above table).

Notes on these metadata

Network Classification Continued....

Stations may be included in several different networks, which may change over time. The table on the previous page lists current network classifications related to the scientific purpose of the network. Some of these networks - the GCOS network for instance - are components of a global network. Entries in the database for some networks may not be complete, thus not properly representing the status of the network. The composition of the network will usually change over time. While several of the networks have international significance, other network classifications have been developed to aid operational management.

Station Purpose

The station purpose can be classified according to the observation program listed below. Parameters in brackets list some of the various different configurations which occur.

- Synoptic [Seasonal, River Height, Climatological, Telegraphic Rain, Aeronautical, Upper Air]
- Climatological [Seasonal, Telegraphic Rain]
- Aeronautical
- Rainfall [River Height]
- River Height
- Telegraphic Rain [Non-Telegraphic River Height, Telegraphic River Height]
- Non-Telegraphic Rain [Telegraphic River Height]
- Evaporation [Rainfall, River Height, Telegraphic River Height, Non-Telegraphic River Height, Telegraphic Rain, Non-Telegraphic Rain]
- Pluviograph [Rainfall, Telegraphic Rain, Non-Telegraphic Rain, River Height, Telegraphic River Height, Non-Telegraphic River Height]
- Radiation
- Lightning Flash Counter
- Public Information
- Local Conditions
- Radar Site
- Unclassified
- No Routine Observations

Note: Telegraphic observations are those which are sent by some electronic means be it a phone or telegram to the responsible Bureau office. It is a term which is historically linked to analogue non automatic data transmission.

Station Observation Program Summary

Surface Observations

The following terms are used to describe the frequency of surface observations at a site. Historical observation programs will typically be missing for many sites until the database is backfilled with information.

Set a)

- Continuous Program
  - More than half hourly observations sent (eg an automatic weather station {AWS} which continuously transmits 10 minute observations). This will automatically include half hourly and hourly observations programs.
- Half hourly observations
  - Half hourly observations sent. This will automatically include hourly observations.
- Hourly observations
  - Hourly observations sent only. Stations report on non-synoptic hours (ie. 0100, 0200, 0400, 0500, etc)

Notes on these metadata

Surface observations continued....

Set b)

- Performed
  - Observations performed, instruments read and observations recorded
- Reported
  - Observations performed, instruments read and reported real time
- Seasonal
  - The program may only be performed during a defined season (such as Fire Weather observations) or the routine program may increase in reporting frequency and/or parameters. The program dates are currently modified at the start and end of each season for stations performing seasonal observations. Historically this was not always the case.

Current Station Equipment Summary

Equipment listed in this metadata product is catalogued under one of systems listed below, appropriate to its application. The "Infrastructure" category has been included since it contains information about the mast height of an anemometer (if present).

- Flood Warning
- Infrastructure
- Radiation
- Rainfall Intensity
- Surface Observations
- Upper Air
- Weather Watch {RADAR}

Station Equipment History

Equipment Install/Remove

One of four types of actions can be performed on an instrument in this listing:

Install - A new instrument is installed at the site. This can be either a completely new addition (eg the first barometer at the site), or the replacement of an existing instrument with a different type (eg replacing mercury barometer with electronic barometer)

Remove - An instrument can be removed either when it is no longer necessary to measure a particular element, or when the element is to be measured by an instrument of a different type (see under "Install" above)

Replace - This occurs when one instrument is replaced with another of the same type (eg Kew pattern mercury barometer replacing another Kew pattern mercury barometer)

Share - The same instrument is used for observations under two (or more) systems (eg a rain gauge may be used within both Surface Observations and Rainfall Intensity systems)

Unshare - The instrument is no longer shared between systems

Notes on these metadata

Calibration

During a site inspection an instrument will be calibrated as either being within or not within the specified tolerance in accuracy.

Where a quantative calibration result can be achieved by comparison to a transfer standard (eg barometer comparisons and tipping bucket rain gauge calibrations), the instrument will be recorded as being within or outside the required tolerance. Instruments (such as 203mm rain gauges, screens and evaporation pans) where quantitative calibrations cannot be derived should be regarded as meeting specifications when the instrument is in 'good working order'.

This product provides a summary table of the number of times an instrument was found to be out of calibration

Station Detail Changes

This set of metadata indicates when some aspect of the general information about a station has changed.

- STATION

Metadata which are categorised as pertaining to STATION are items of (textual) information describing a specific attribute of the station. A reference to (nondB seeding) indicates initial information of this field has been sourced from a previous database.

Station position

- Latitude and longitude

Derivation of station latitude and longitude, defined by the location of the rain gauge when it is present, has changed over time. Current practice is to locate or verify open and operational station latitude and longitude based on Global Positioning System equipment. Methods used to locate a station as described in this product (latlon_deriv) are as follows: GPS, MAP 1:10000, MAP 1:12500, MAP 1:25000, MAP 1:50000, MAP 1:100000, MAP 1:250000, SURVEY, and Unknown (which is more commonly represented by a null value). The field latlon_error should be used with caution as the method of determining this value has been interpreted in different ways over time.

- Height

Determination of heights for observing sites is by survey where possible. Otherwise height may be determined using a Digital Aneroid Barometer and a known surveyed point, or derived from map contours. The source of height is provided in the corresponding parameter with a suffix of "_deriv".

Heights which may appear in these metadata are:

- aero_ht
  - The official elevation of the aerodrome which normally corresponds to the altitude of the highest threshold of the runways at that airport;
- bar_ht
  - this represents the height of the mercury barometer cistern or the digital aneroid barometer above mean sea level (MSL);
- stn_ht
  - this normally represents the height of the rain gauge above MSL

Notes on these metadata

- Land Use

To assist the long term understanding of climate change it is important to be able to determine the differences over time which are attributed to variations in the climate. Since land use has an effect on the micro climate around the site, and changes in land use will therefore affect the climate record, it is important that the characteristics of the site are monitored. Soil types are recorded as they affect the land use and also add to the knowledge of the site details.

Defined Land use Types.

- Non-vegetated (barren, desert)
- Coastal or Island
- Forest
- Open farmland, grassland or tundra
- Small town, less than 1000 population
- Town 1000 to 10,000 population
- City area with buildings less than 10 metres (3 stories)
- City area with buildings greater than 10 metres (3 stories)
- Airport

The land use code is entered on the station inspection form in the ranges 0 to 100 m, 100 to 1 km and 1km to 10 km; ie:

- lu_0_100m: Land Use 0 to 100 metres from the enclosure
- lu_100m_1km: Land Use 100 metres to 1 kilometre
- lu_1km_10km: Land Use 1 kilometre to 10 kilometres

Defined Soil Type (At Enclosure).

- unable to determine
- sand
- black soil
- clay
- rock
- red soil
- other

Surface Type (At Enclosure).

- unable to determine
- fully covered by grass
- mostly covered by grass
- partly covered by grass
- bare ground
- sand
- concrete
- asphalt
- rock
- other