



Basic Climatological Station Metadata
Current status

Metadata compiled: 28 JUL 2025

Station: HOBART AIRPORT WEST

Bureau of Meteorology station number: 094008
Bureau of Meteorology district name: Southeast
State: TAS

World Meteorological Organization number: 94975
Identification: NO ID

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



Current Station Location				
Latitude	Decimal	-42.8339	Hour Min Sec	42°50'2"S
Longitude	Decimal	147.5033	Hour Min Sec	147°30'12"E
Station Height	4 m	Barometer Height	27.4 m	
Method of station geographic positioning			GPS	

Year opened: 1958
Status: Open

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.



Basic Climatological Station Metadata
Current status

Station:	HOBART AIRPORT WEST	Location:	HOBART AIRPORT WEST	State:	TAS
Bureau No.:	094008	WMO No.:	94975	Aviation ID:	NO ID
				Opened:	01 Jan 1958
Latitude:	-42.8339	Longitude:	147.5033	Elevation:	4 m
				Barometer Elev:	27.4 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	OCT 1986	AUG 2022	99.3	82	0
EVAPORIMETER - MAXIMUM WATER TEMPERATURE	OCT 1986	DEC 2011	96.3	187	5
GROUND MINIMUM TEMPERATURE	JUN 1958	AUG 2022	98.6	326	0
MAXIMUM AIR TEMPERATURE	JUN 1958	AUG 2022	99.5	112	0
MAXIMUM WIND GUST SPEED	JUN 1958	AUG 2022	99.3	151	0
SUNSHINE HOURS	SEP 1968	MAY 2020	98.9	204	0
WIND RUN ABOVE 10 FEET	FEB 1995	AUG 2022	98.5	147	0
WIND RUN BELOW 10 FEET	OCT 1986	AUG 2022	99.3	88	0
RAINFALL	JUN 1958	AUG 2022	100	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	JUN 1958	AUG 2022	99.5	10.4	28	0
<div><div>1</div><div>8</div><div>5</div><div>0</div></div> <div><div>1</div><div>9</div><div>0</div><div>0</div></div> <div><div>1</div><div>9</div><div>5</div><div>0</div></div> <div><div>2</div><div>0</div><div>0</div><div>0</div></div>						
DEW POINT	JUN 1958	AUG 2022	99.5	10.4	28	0
<div><div>1</div><div>8</div><div>5</div><div>0</div></div> <div><div>1</div><div>9</div><div>0</div><div>0</div></div> <div><div>1</div><div>9</div><div>5</div><div>0</div></div> <div><div>2</div><div>0</div><div>0</div><div>0</div></div>						
MEAN SEA LEVEL PRESSURE	JUN 1958	AUG 2022	99.5	10.4	29	0
<div><div>1</div><div>8</div><div>5</div><div>0</div></div> <div><div>1</div><div>9</div><div>0</div><div>0</div></div> <div><div>1</div><div>9</div><div>5</div><div>0</div></div> <div><div>2</div><div>0</div><div>0</div><div>0</div></div>						
SOIL TEMPERATURE - 10cm	DEC 1990	AUG 2022	65.6	2.0	69	124
<div><div>1</div><div>8</div><div>5</div><div>0</div></div> <div><div>1</div><div>9</div><div>0</div><div>0</div></div> <div><div>1</div><div>9</div><div>5</div><div>0</div></div> <div><div>2</div><div>0</div><div>0</div><div>0</div></div>						
TOTAL CLOUD AMOUNT	JUN 1958	AUG 2022	98.9	8.0	28	0
<div><div>1</div><div>8</div><div>5</div><div>0</div></div> <div><div>1</div><div>9</div><div>0</div><div>0</div></div> <div><div>1</div><div>9</div><div>5</div><div>0</div></div> <div><div>2</div><div>0</div><div>0</div><div>0</div></div>						
WIND SPEED	JUN 1958	AUG 2022	99.5	10.4	28	0
<div><div>1</div><div>8</div><div>5</div><div>0</div></div> <div><div>1</div><div>9</div><div>0</div><div>0</div></div> <div><div>1</div><div>9</div><div>5</div><div>0</div></div> <div><div>2</div><div>0</div><div>0</div><div>0</div></div>						
UPPER AIR TEMPERATURE	OCT 1953	SEP 2024	94.3	1.9	279	0
<div><div>1</div><div>8</div><div>5</div><div>0</div></div> <div><div>1</div><div>9</div><div>0</div><div>0</div></div> <div><div>1</div><div>9</div><div>5</div><div>0</div></div> <div><div>2</div><div>0</div><div>0</div><div>0</div></div>						
UPPER AIR WIND SPEED	DEC 1956	SEP 2024	93.4	3.9	77	15
<div><div>1</div><div>8</div><div>5</div><div>0</div></div> <div><div>1</div><div>9</div><div>0</div><div>0</div></div> <div><div>1</div><div>9</div><div>5</div><div>0</div></div> <div><div>2</div><div>0</div><div>0</div><div>0</div></div>						

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RAINFALL INTENSITY DATA HOLDINGS

OBSERVATION TYPE	FIRST MONTH	LAST MONTH	COMPLETENESS (% estimate)	SINGLE DAYS MISSED	FULL MONTHS MISSED
RAINFALL INTENSITY	DEC 1960	MAY 2018	87.0	1499	40

ONE-MINUTE DATA HOLDINGS

OBSERVATION TYPE	FIRST MONTH	LAST MONTH	COMPLETENESS (% estimate)	FREQUENCY average daily	SINGLE DAYS MISSED	FULL MONTHS MISSED
ALL ELEMENTS	AUG 2000	AUG 2022	98.3	1415.6	N/A	5

HALF-HOURLY DATA HOLDINGS

OBSERVATION TYPE	FIRST MONTH	LAST MONTH	COMPLETENESS (% estimate)	FREQUENCY average daily	SINGLE DAYS MISSED	FULL MONTHS MISSED
ALL ELEMENTS	NOV 1984	AUG 2022	103.5	49.7	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	Jul 1996	Aug 2019	N/A	2.0	124	0
Wind, temperature and pressure flights	Mar 1991	Aug 2018	N/A	2.0	43	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

- Minimum air temperature
- Wet bulb temperature
- Soil temperature at 20, 50 & 100cm
- Relative humidity
- Minimum temp. of water in evaporimeter
- Visual observations eg. weather, visibility
- Sea related observations

Listed element to use

- Maximum air temperature
- Dew point
- 10cm soil temperature
- Dew point
- Evaporimeter - max water temp
- Total cloud amount
- Sea state

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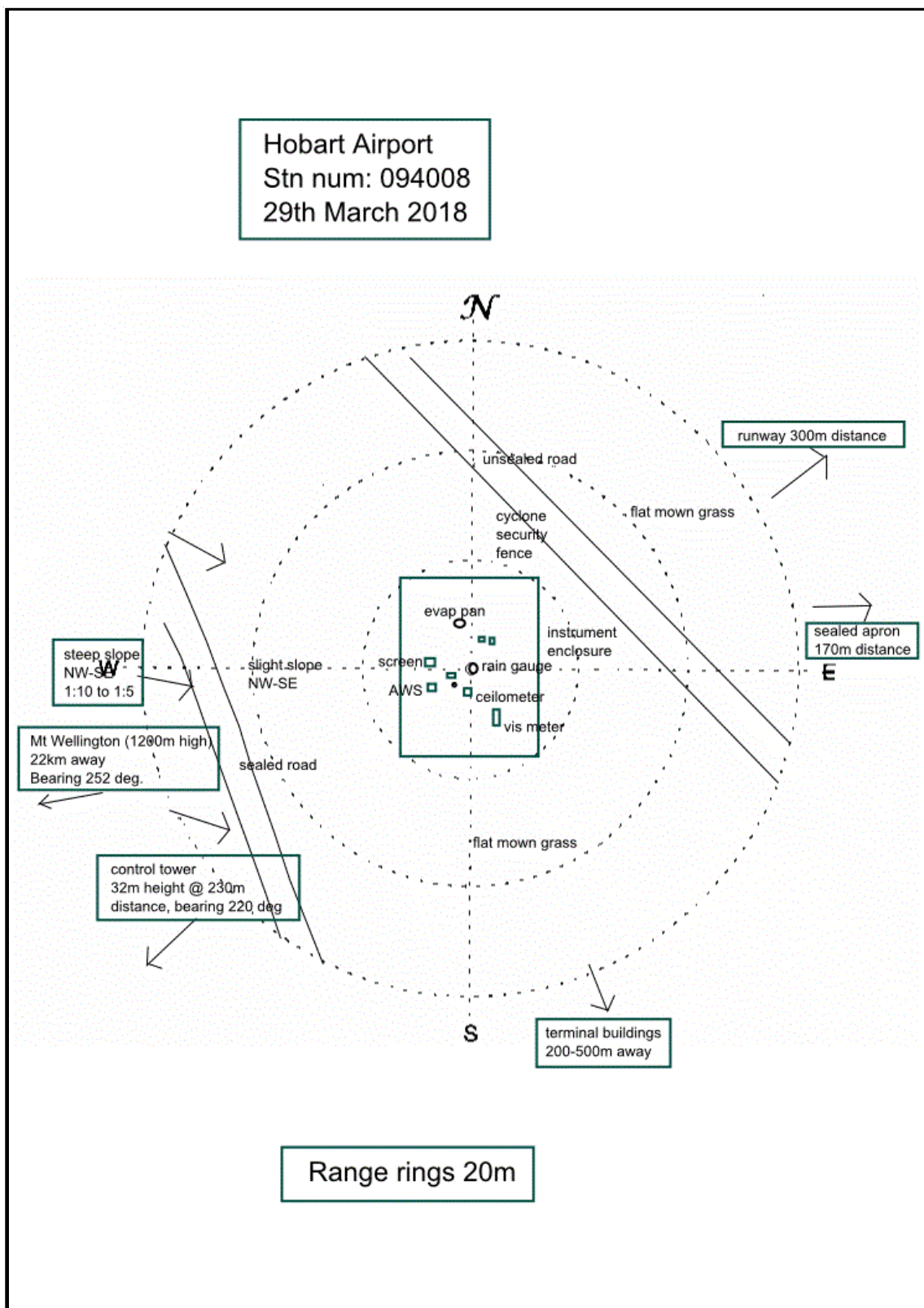
Extended Climatological Station Metadata

All History

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Instrument Location and Surrounding Features

29/03/2018(most recent)



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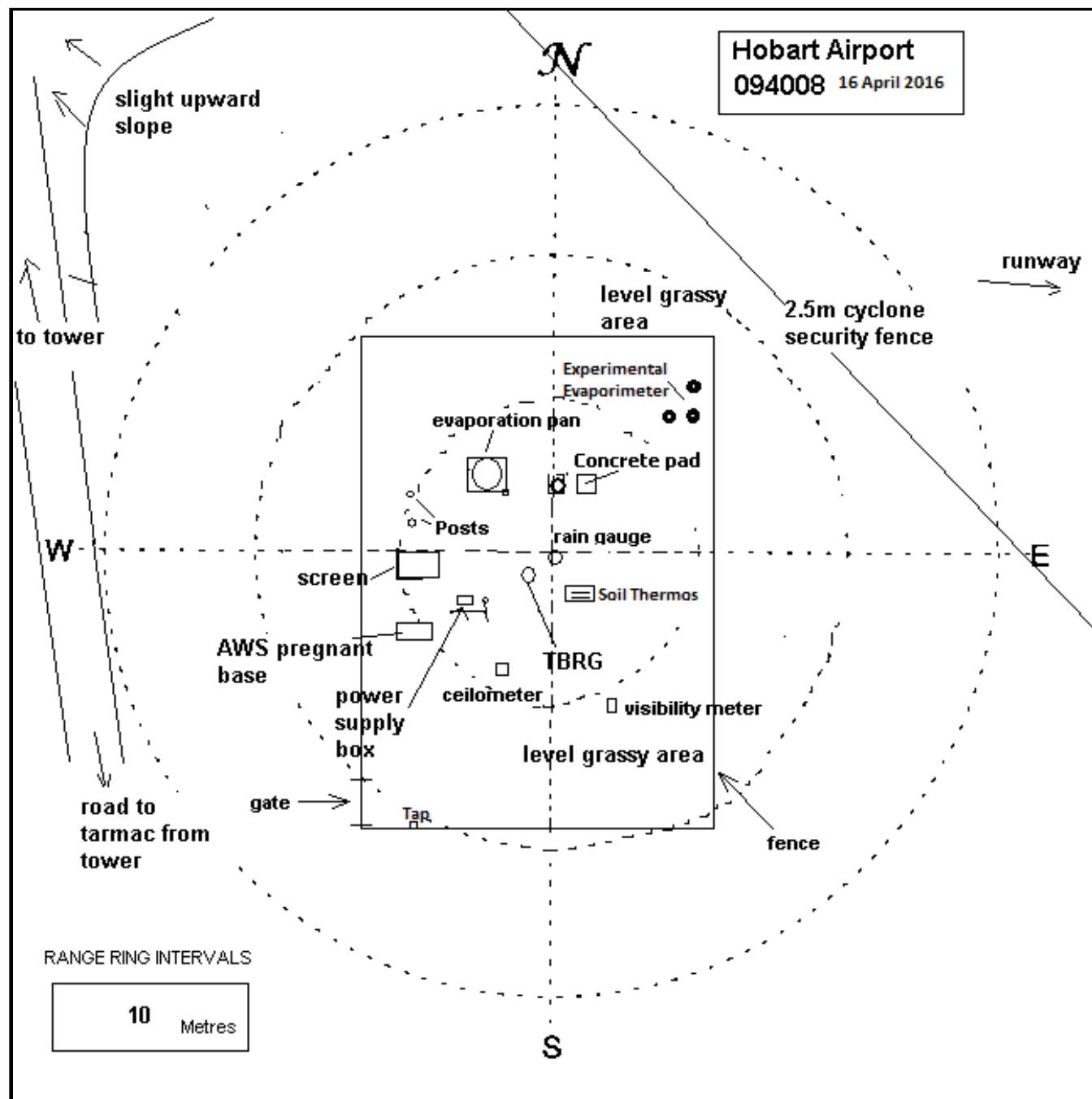
Extended Climatological Station Metadata

All History

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Instrument Location and Surrounding Features

16/04/2016



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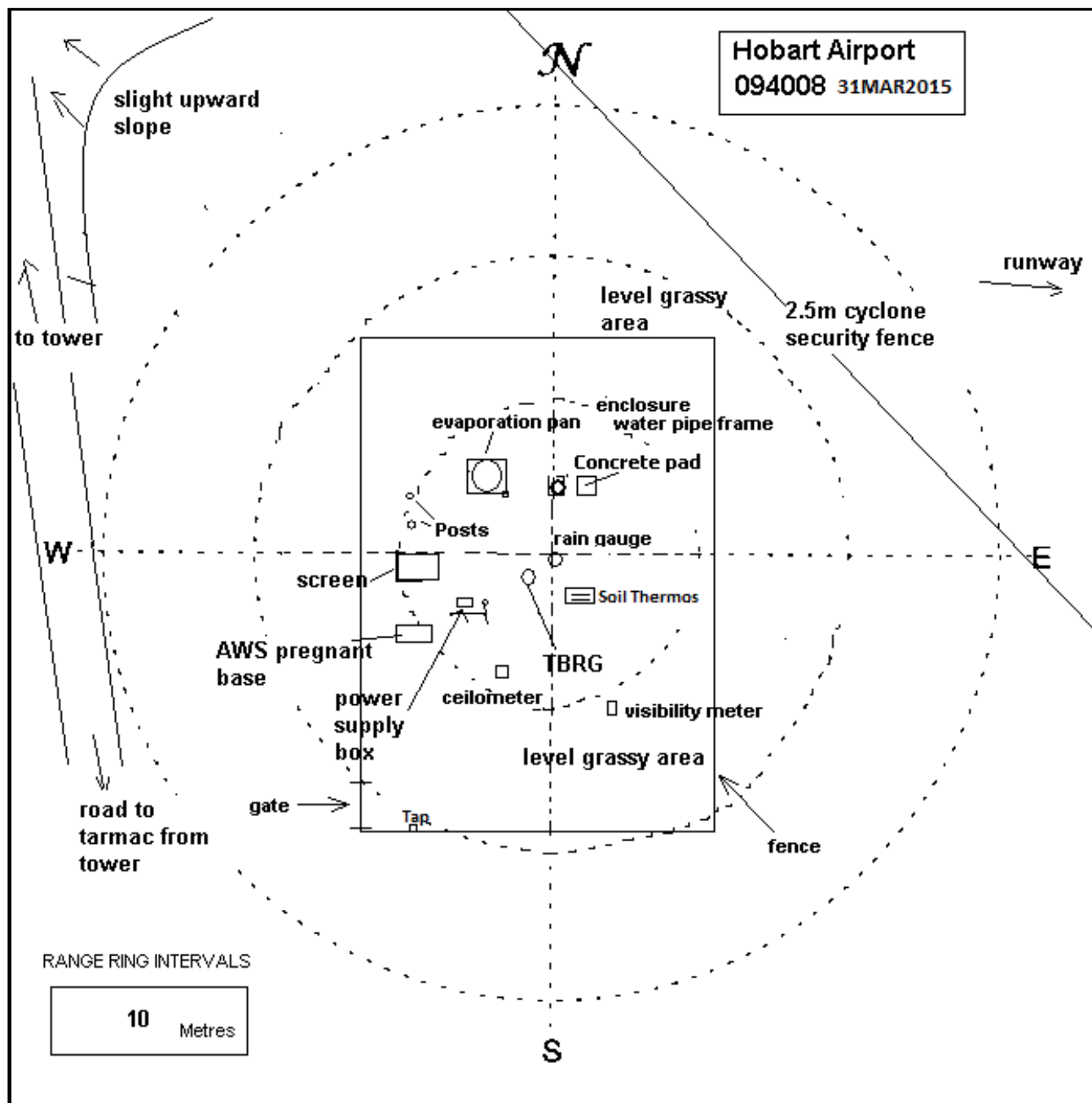
Extended Climatological Station Metadata

All History

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Instrument Location and Surrounding Features

31/03/2015



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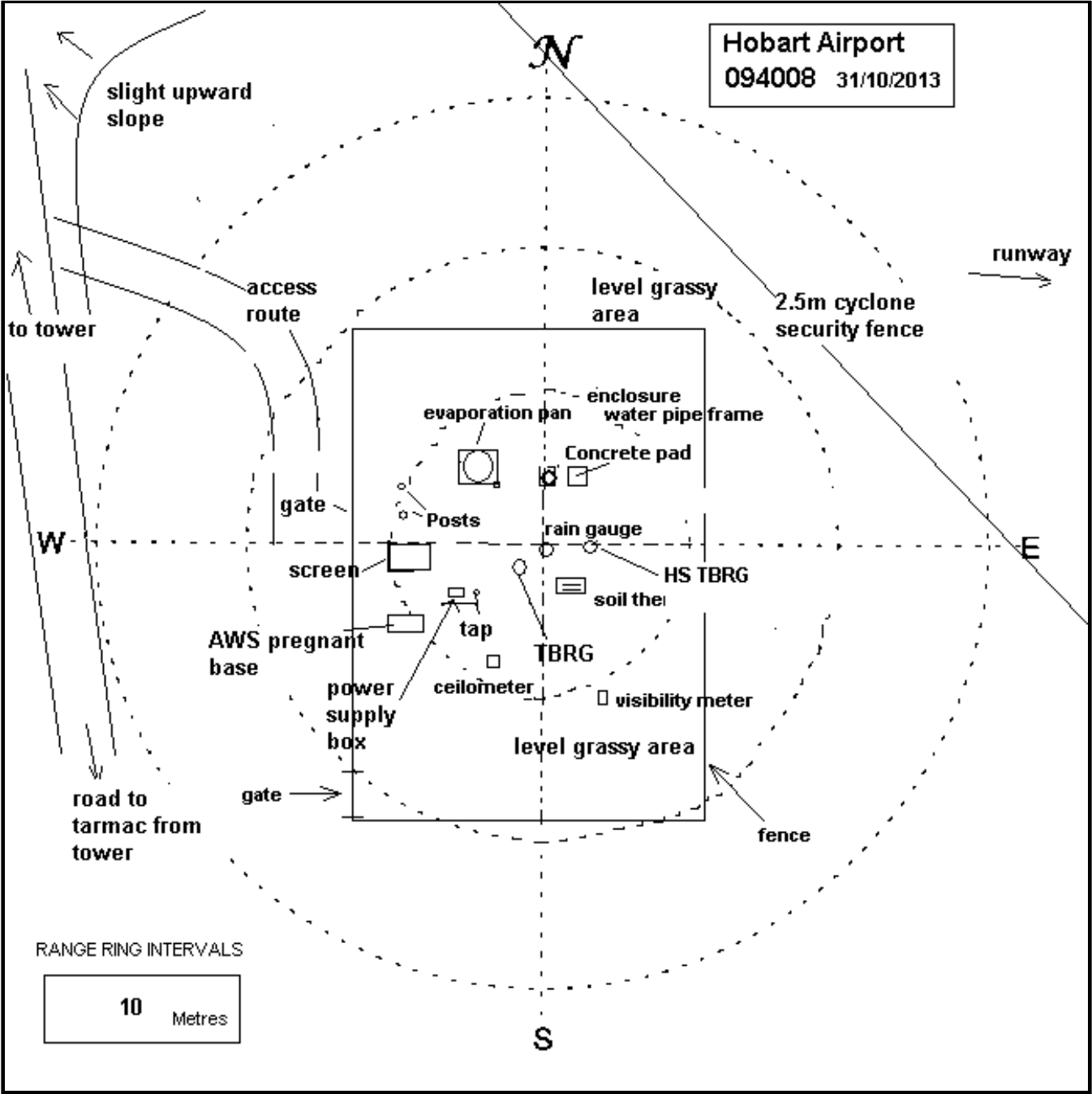
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Extended Climatological Station Metadata
All History

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Instrument Location and Surrounding Features
31/10/2013



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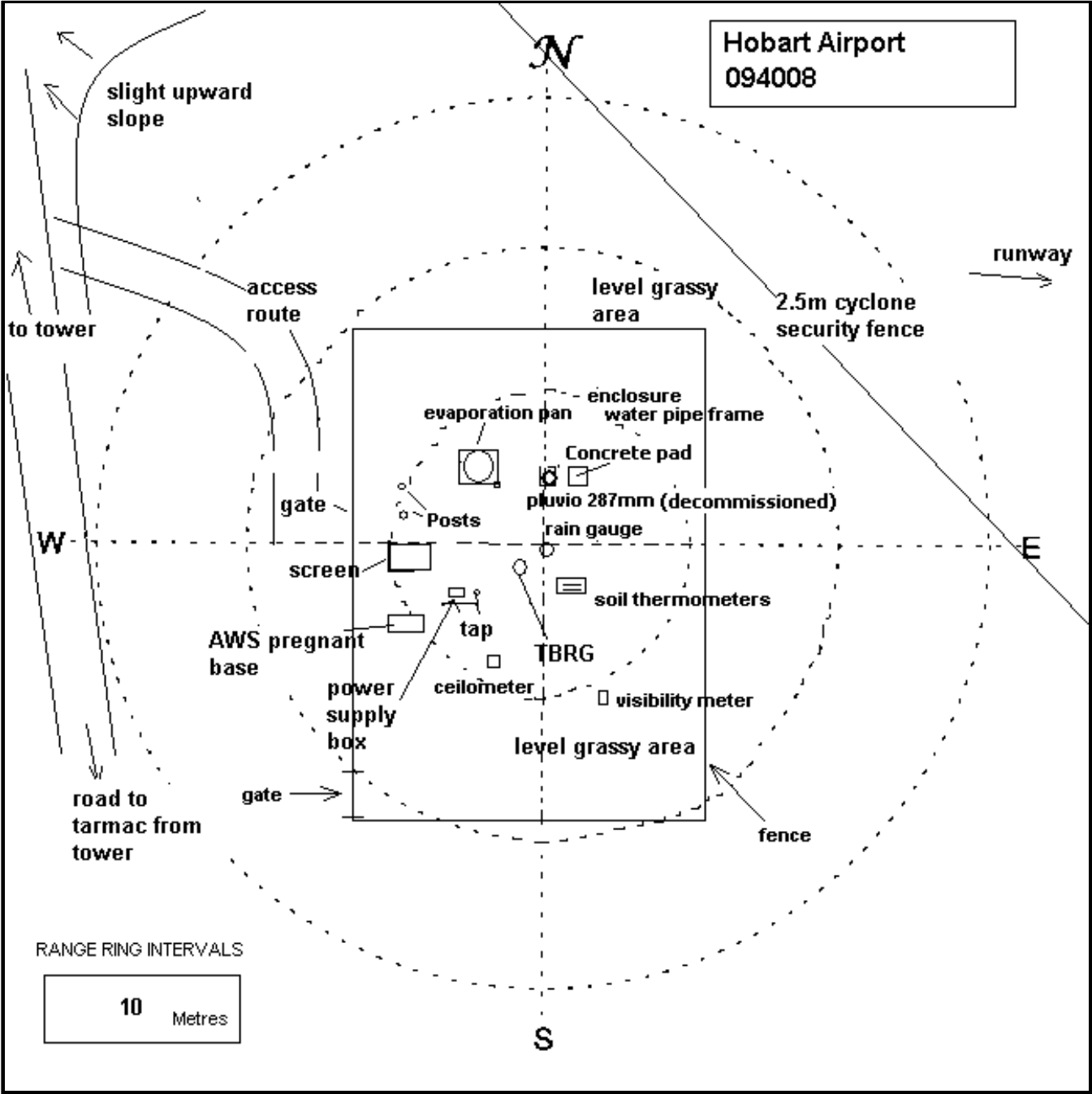
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Extended Climatological Station Metadata
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Instrument Location and Surrounding Features
16/07/2013



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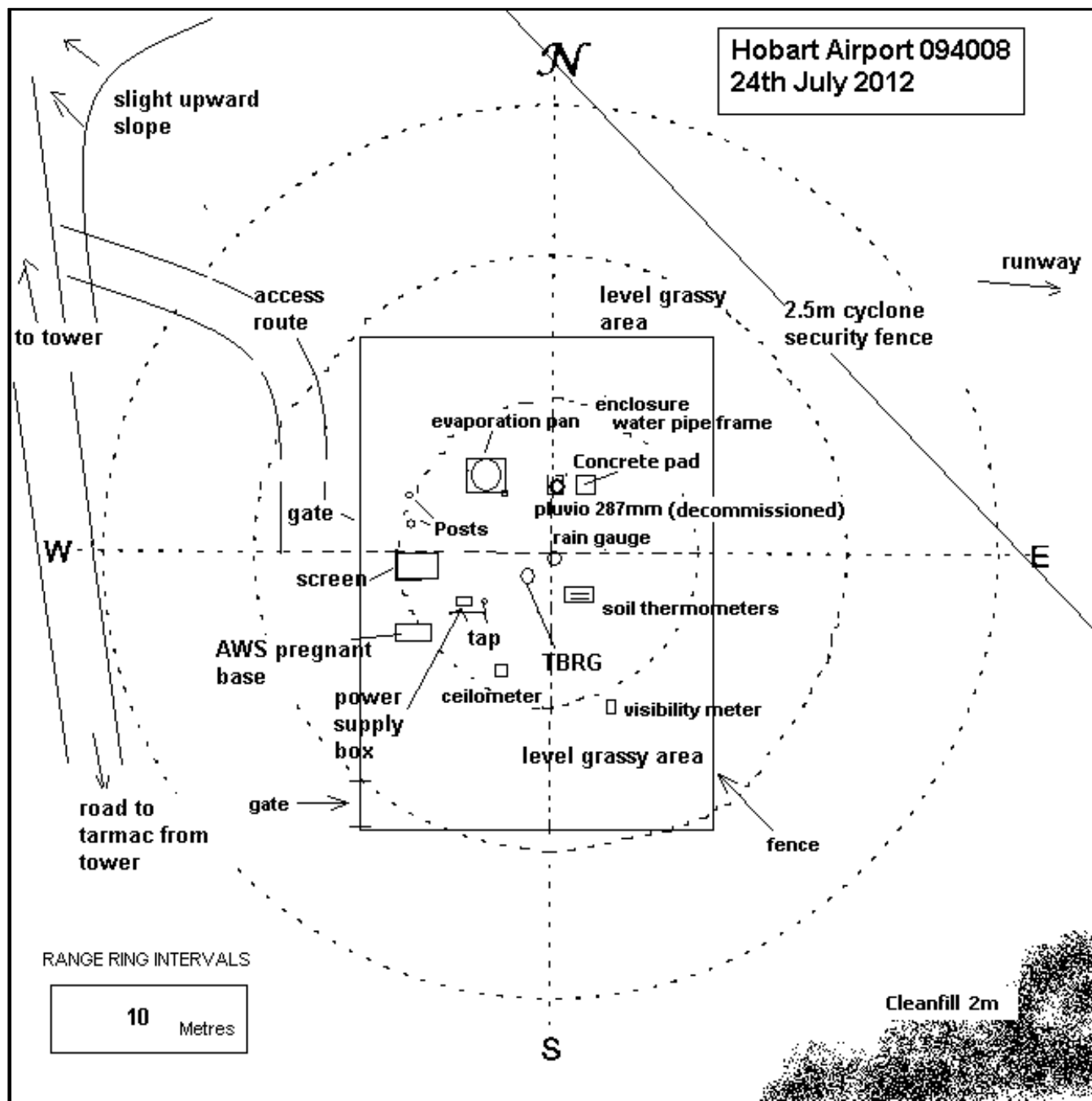
Extended Climatological Station Metadata

All History

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Instrument Location and Surrounding Features

24/07/2012



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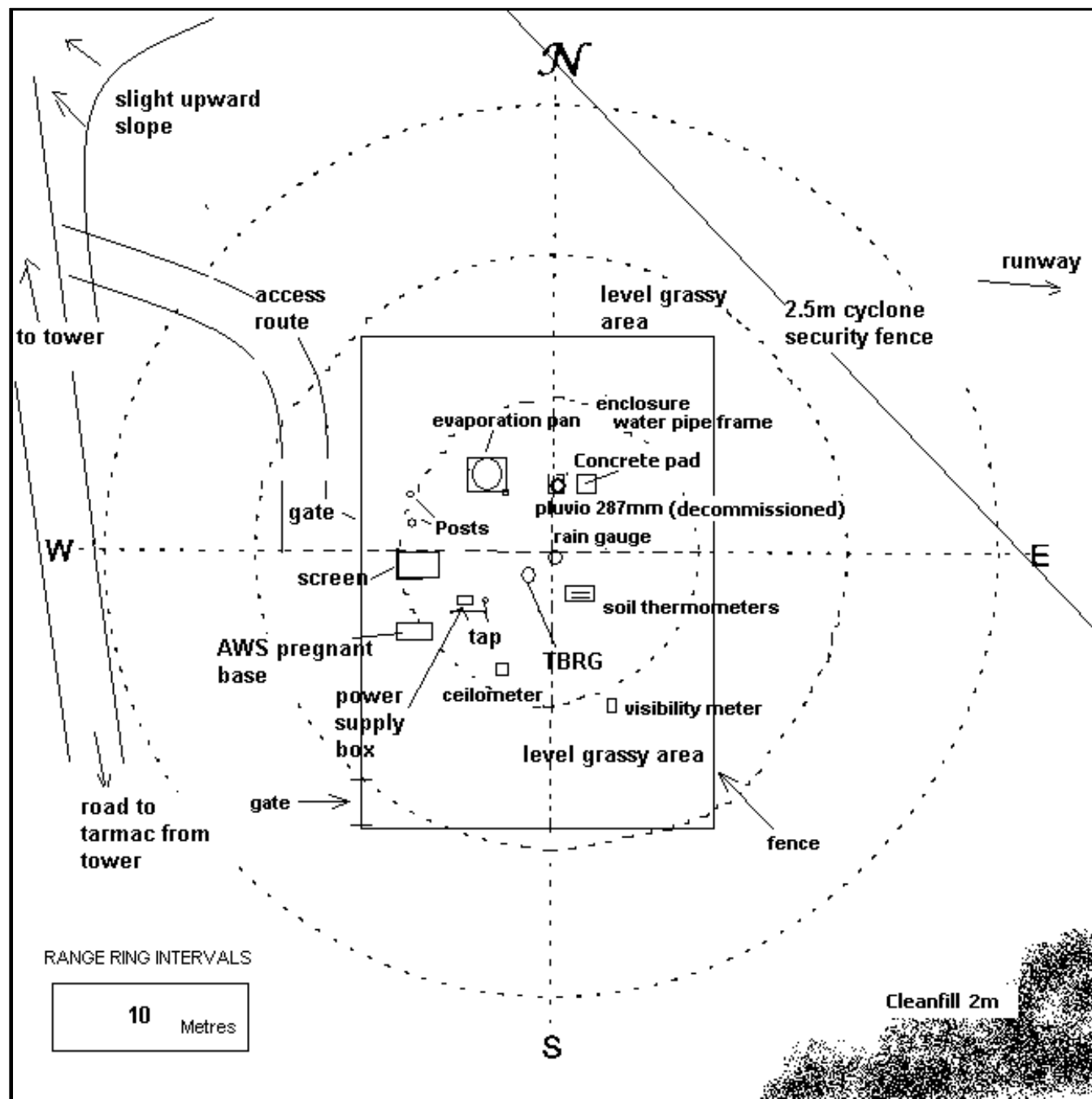
Extended Climatological Station Metadata

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Instrument Location and Surrounding Features

07/06/2011



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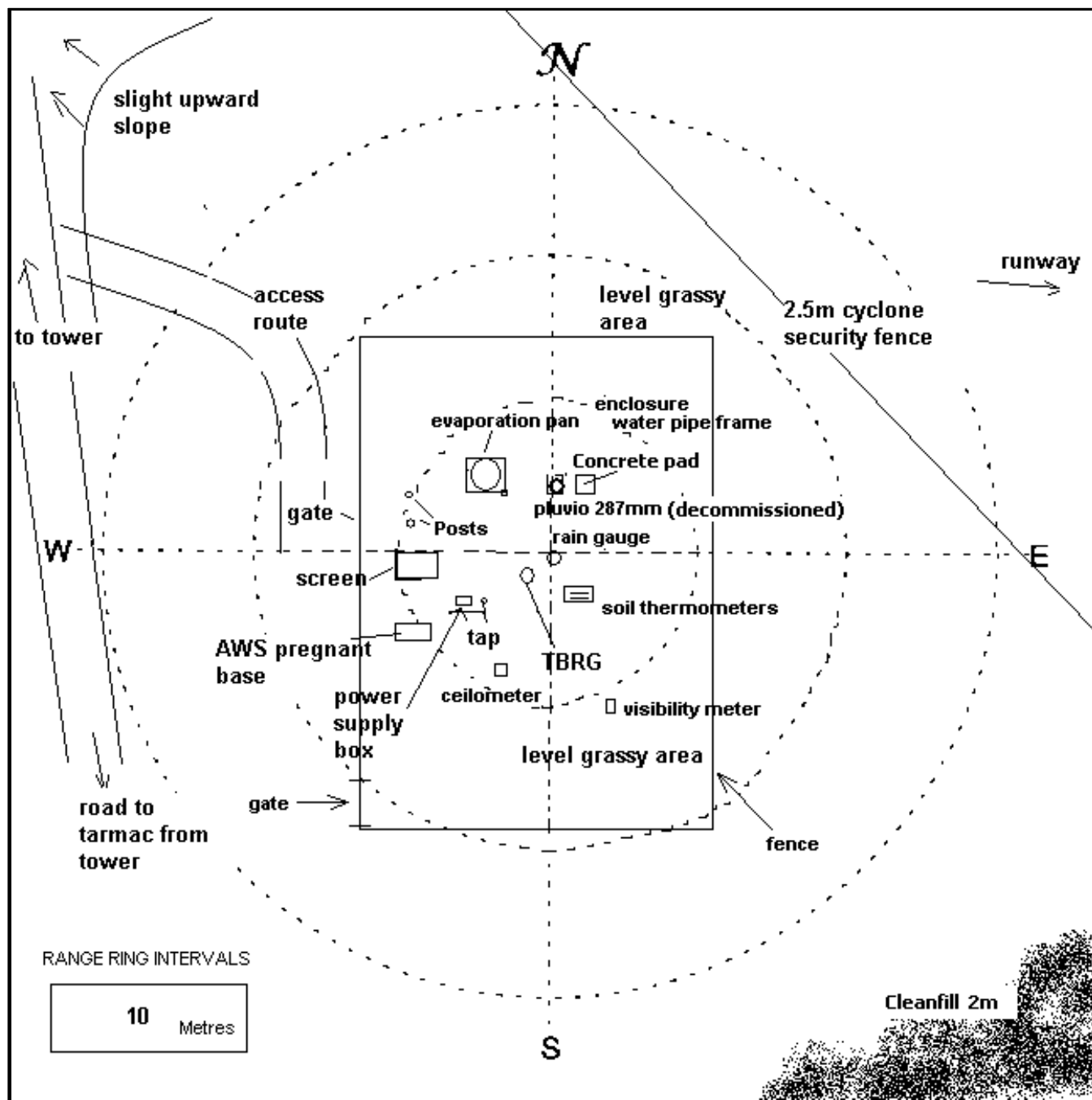
Extended Climatological Station Metadata

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Instrument Location and Surrounding Features

26/05/2010



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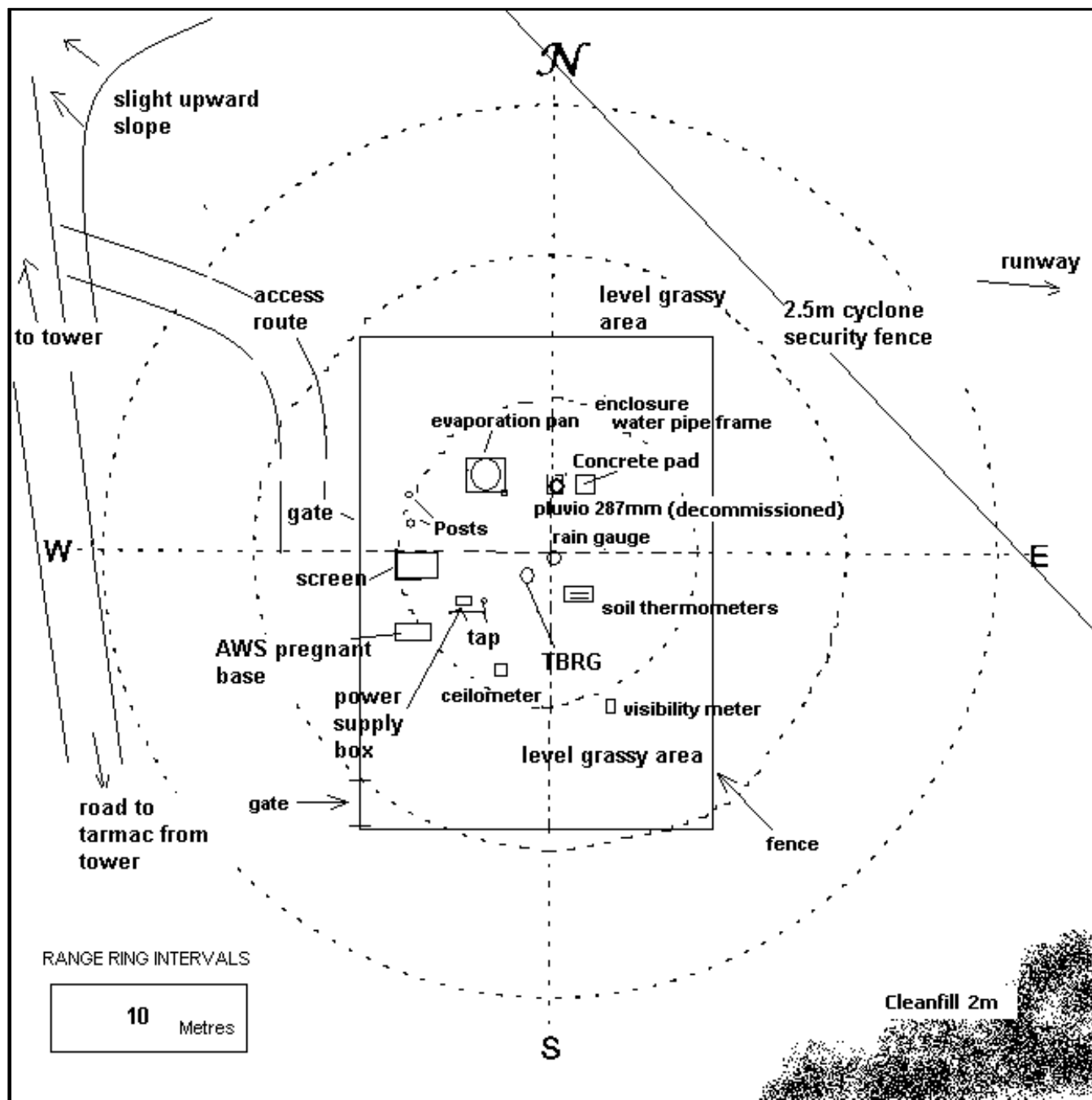
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Instrument Location and Surrounding Features

02/11/2009



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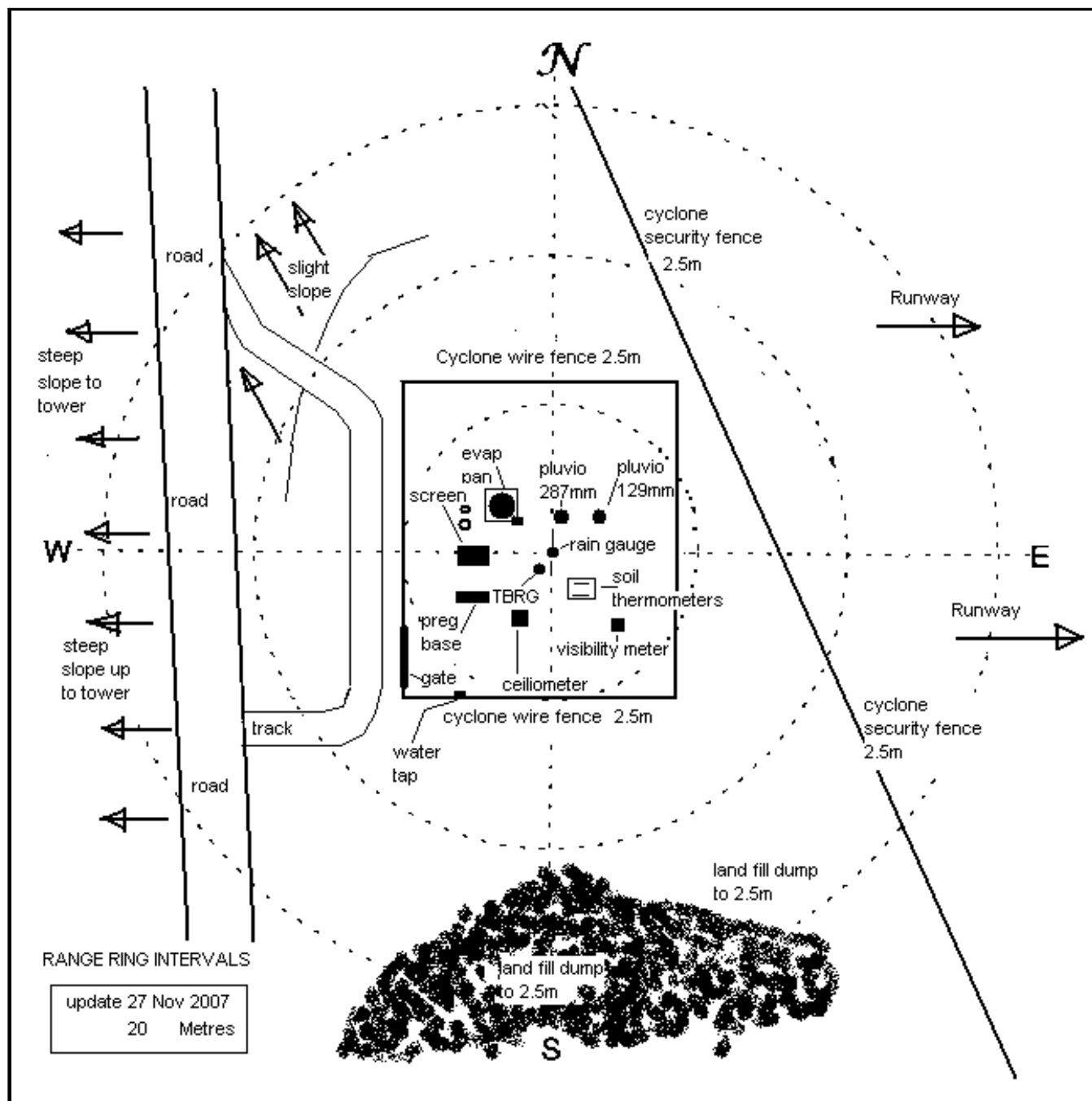
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Instrument Location and Surrounding Features

27/11/2007



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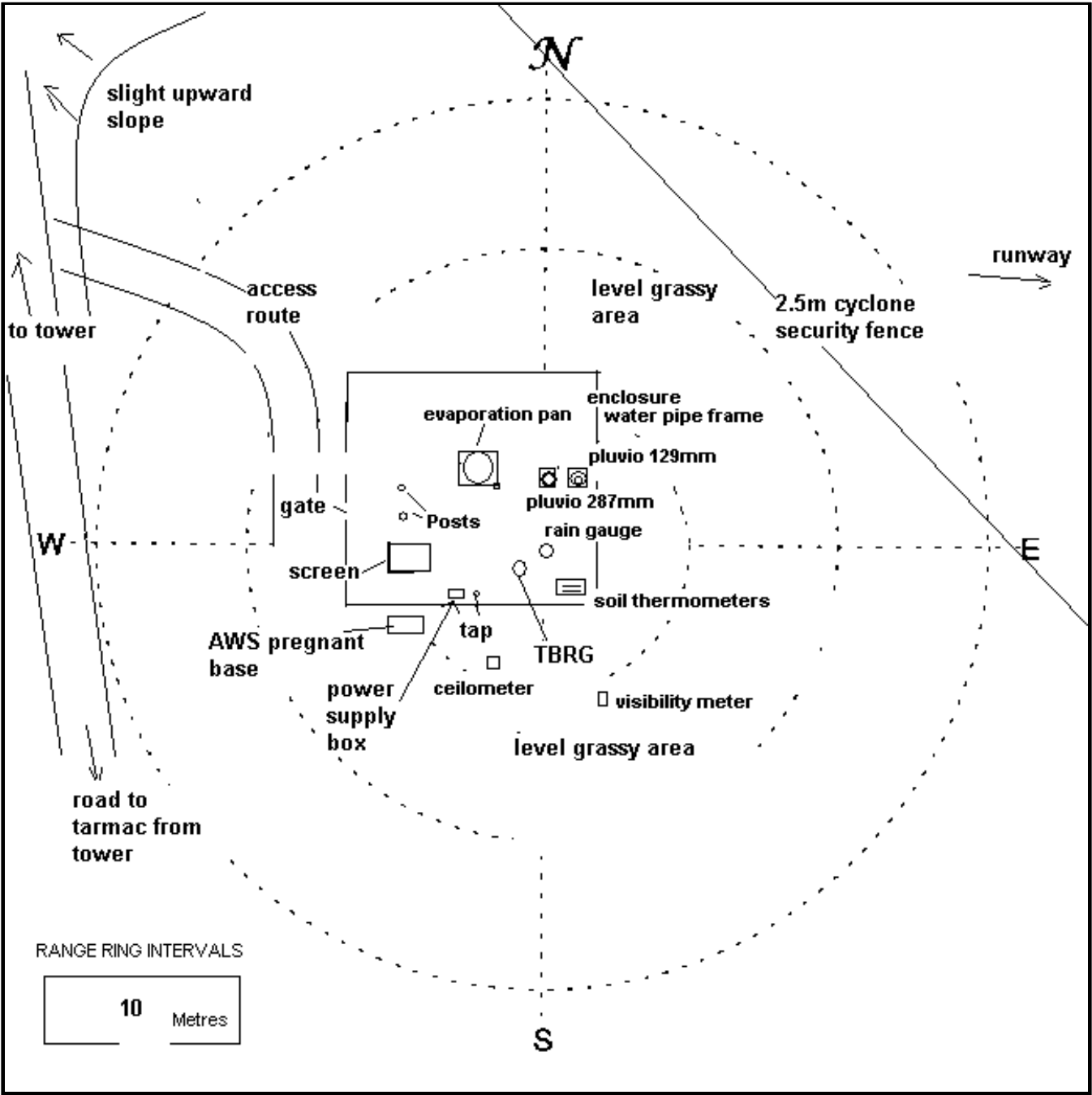
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Instrument Location and Surrounding Features

28/04/2005



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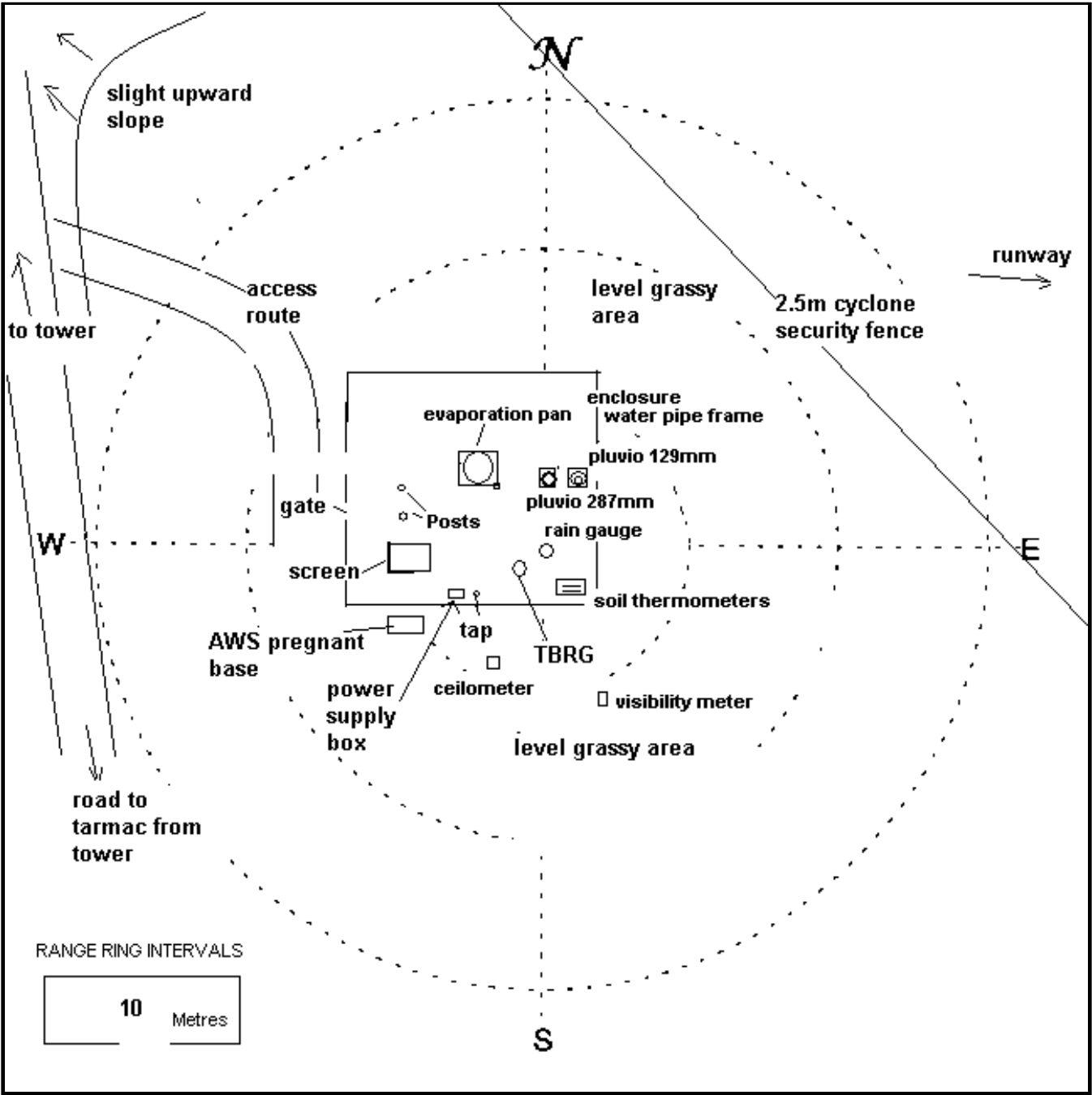
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Instrument Location and Surrounding Features
26/10/2004



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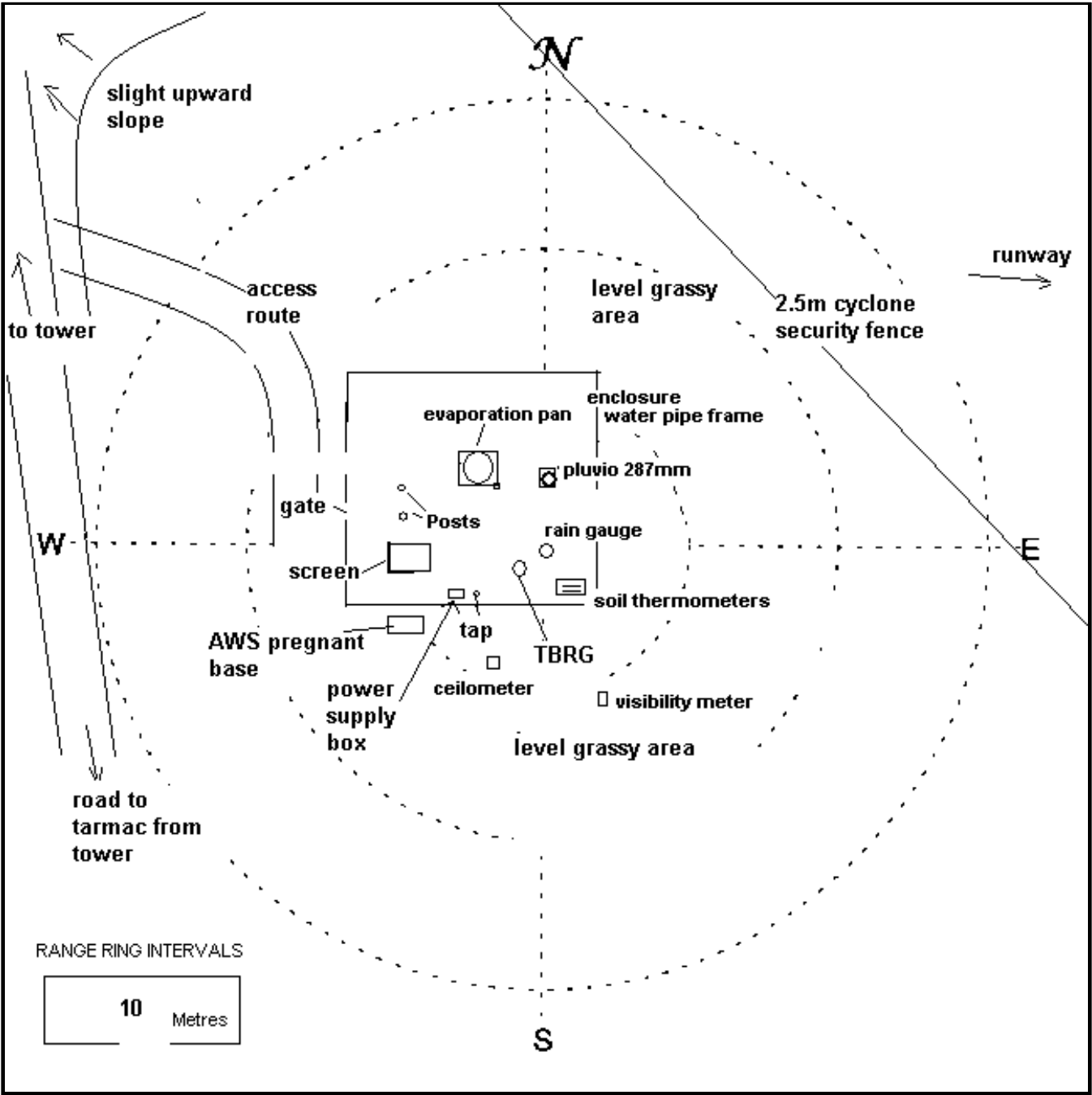
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Instrument Location and Surrounding Features
01/01/2004



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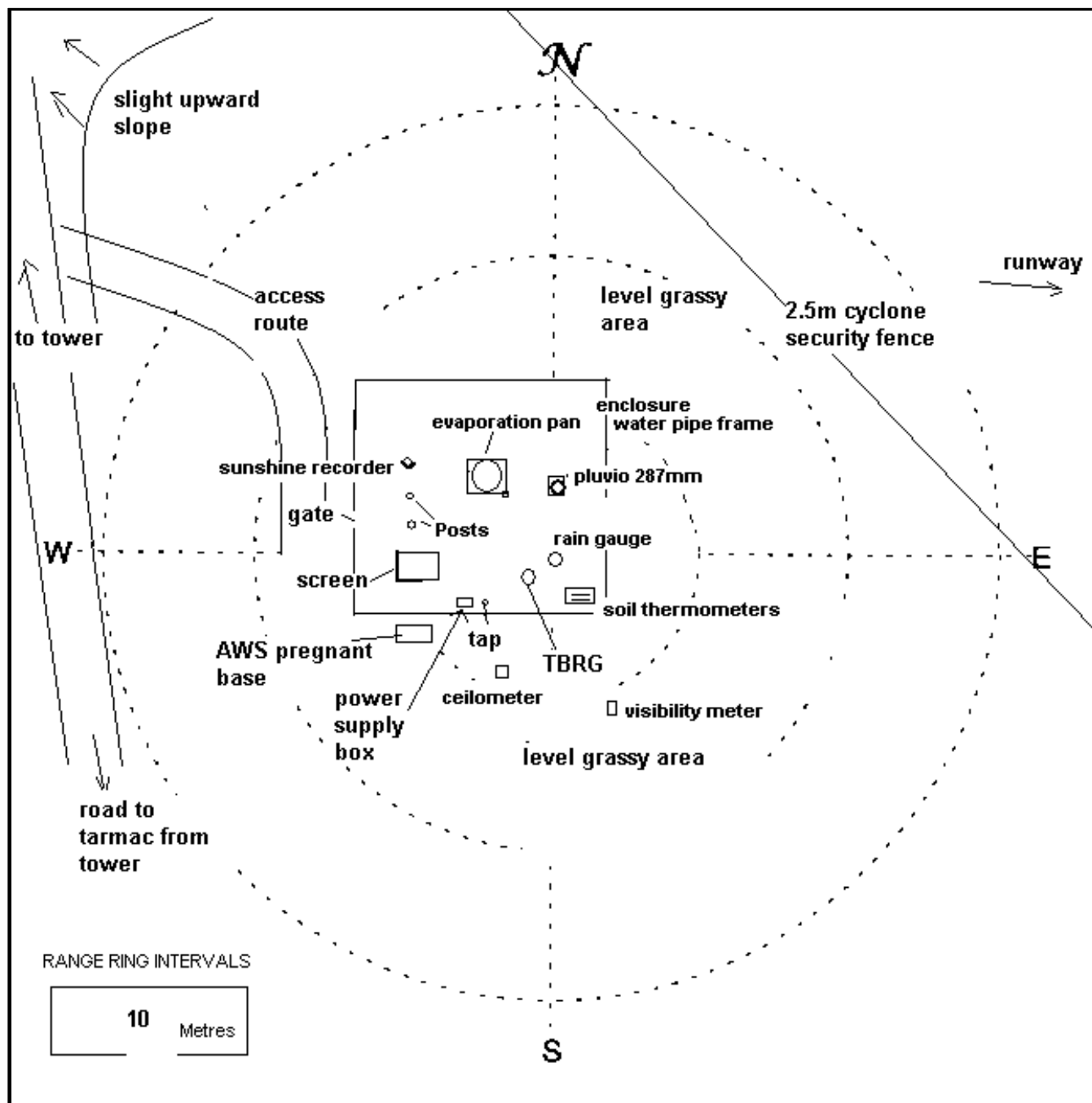
Extended Climatological Station Metadata

All History

Station:	HOBART AIRPORT WEST		Location:	HOBART AIRPORT WEST		State:	TAS
Bureau No.:	094008	WMO No.:	94975	Aviation ID:	NO ID	Opened:	01 Jan 1958
Latitude:	-42.8339	Longitude:	147.5033	Elevation:	4 m	Barometer Elev:	27.4 m
						Current Status:	Still open
						Metadata compiled:	28 JUL 2025

Instrument Location and Surrounding Features

02/10/2002



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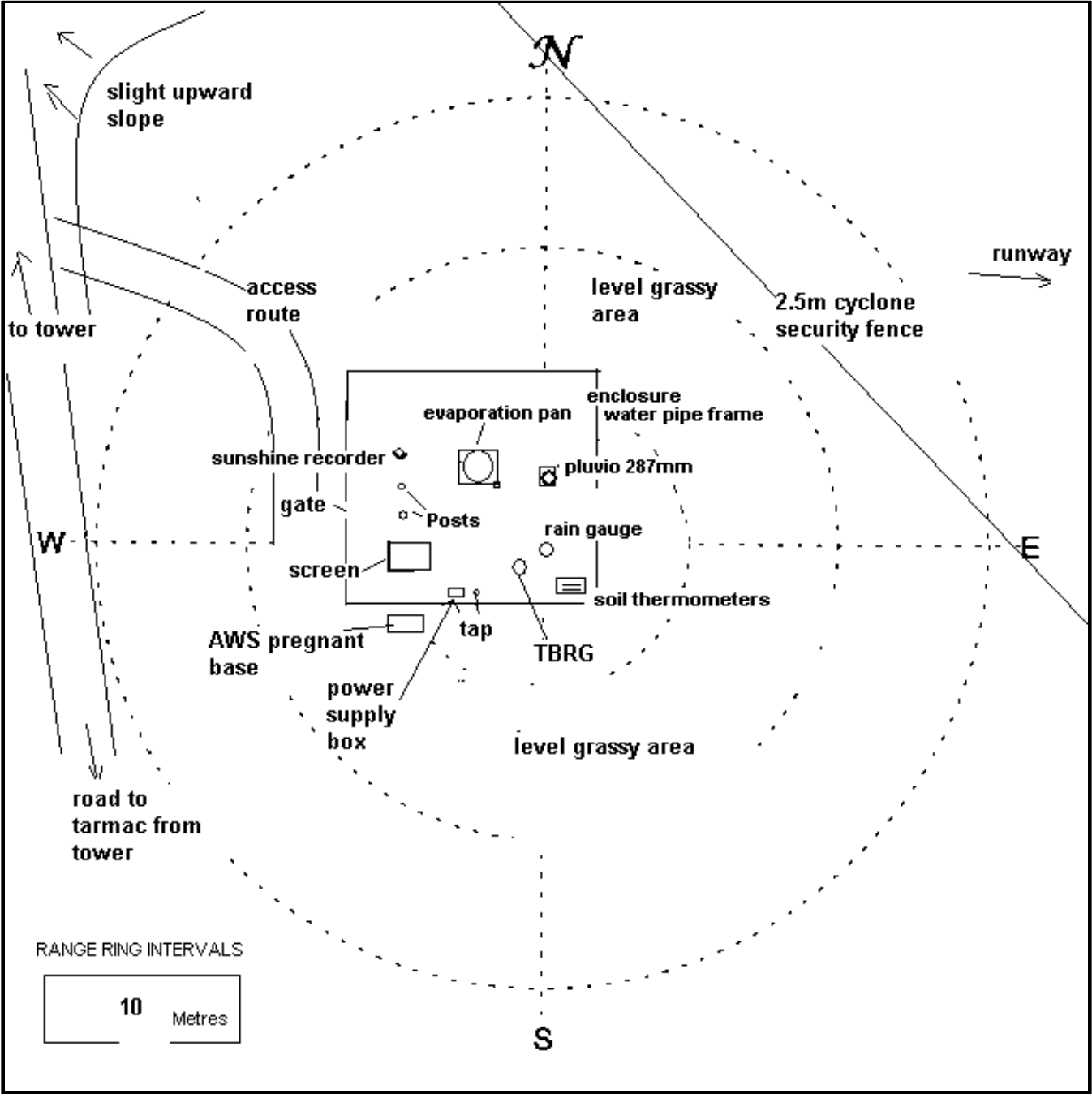
Extended Climatological Station Metadata

All History

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Instrument Location and Surrounding Features

21/03/2000



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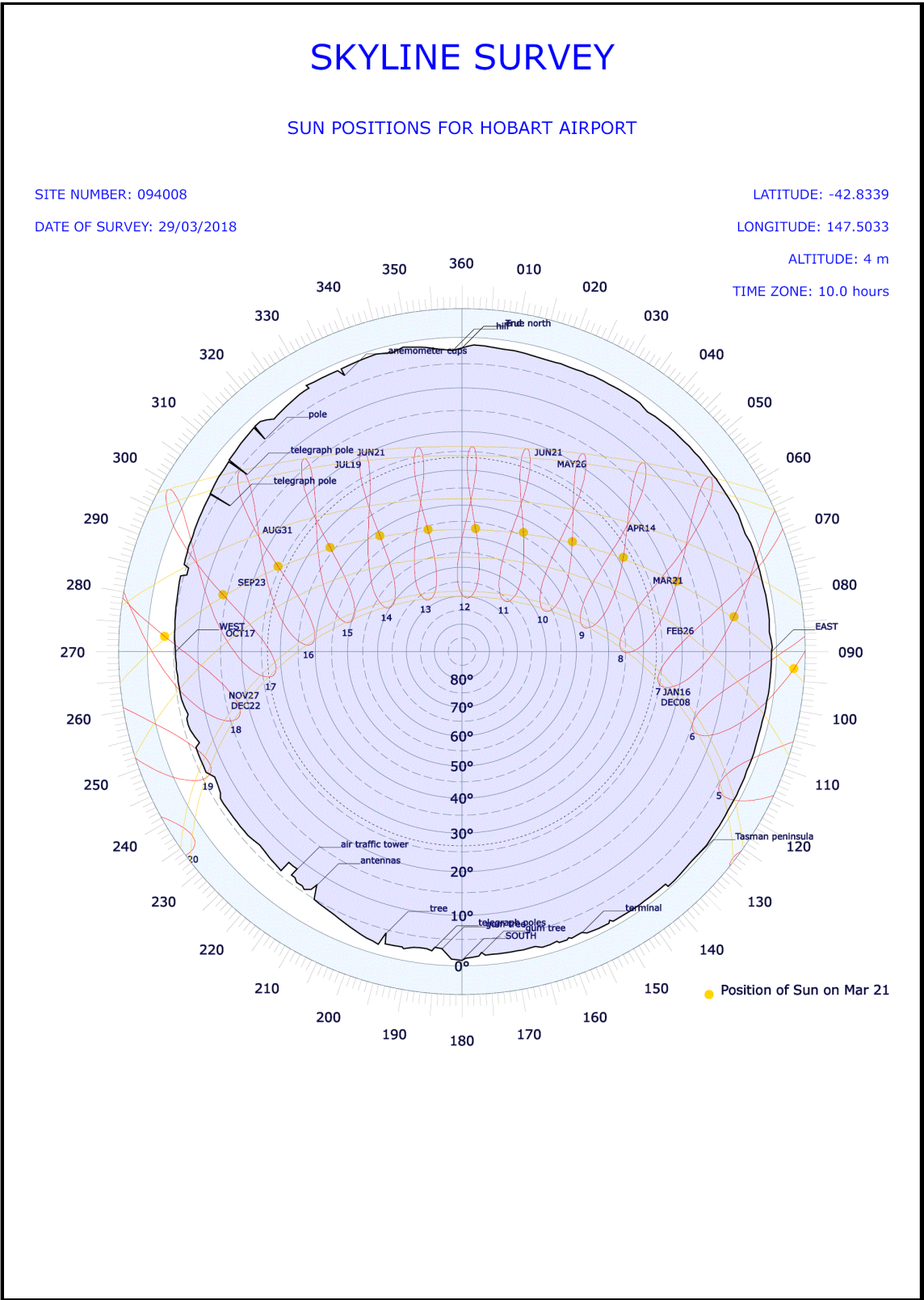
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All History

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Bureau No.:	094008	WMO No.:	94975	Aviation ID:	NO ID
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		Elevation:	4 m	Current Status:	Still open
		Barometer Elev:	27.4 m	Metadata compiled:	28 JUL 2025

Skyline Diagram
29/03/2018(most recent)



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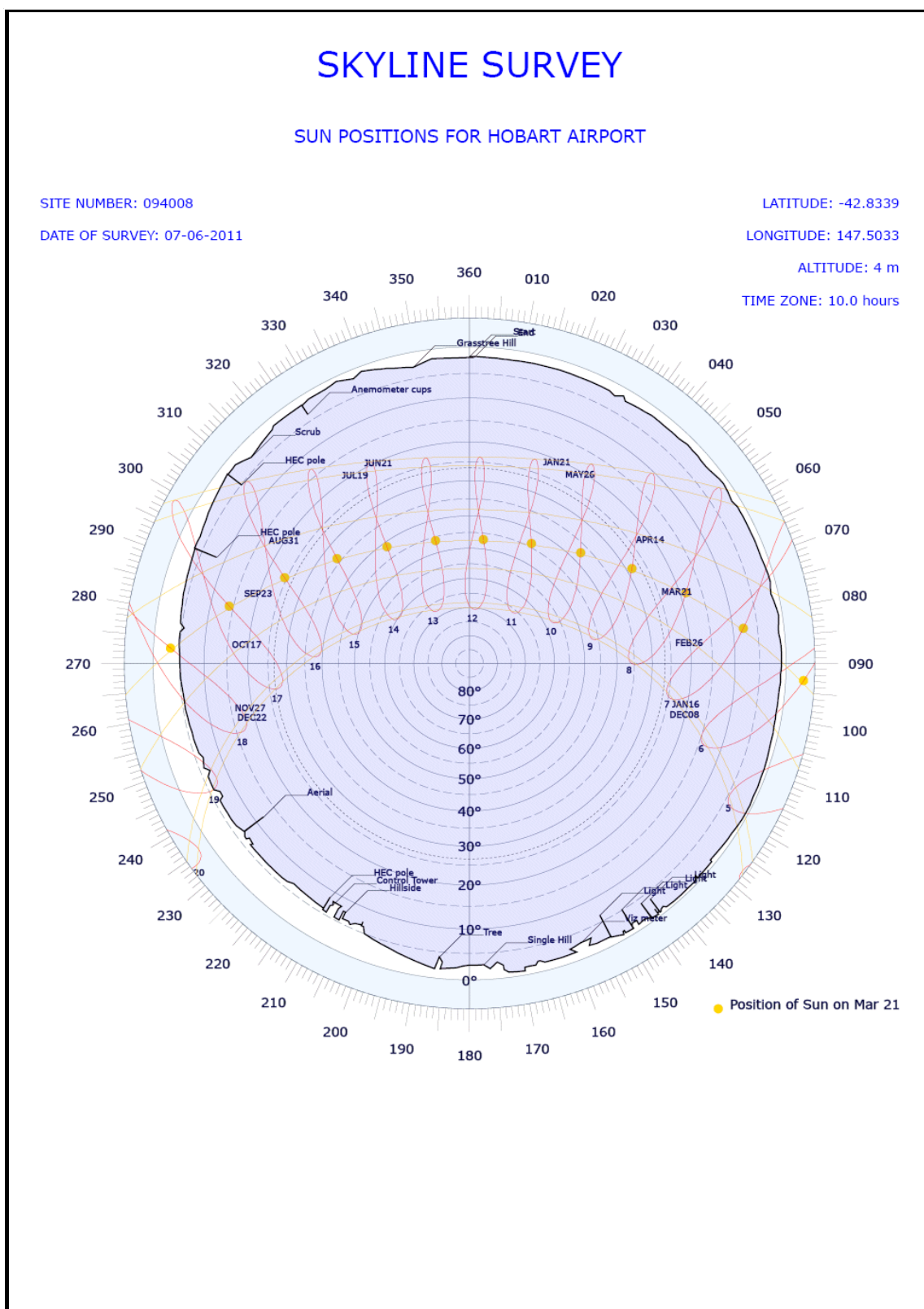
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Skyline Diagram



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Extended Climatological Station Metadata
All History

Station: HOBART AIRPORT WEST			Location: HOBART AIRPORT WEST			State: TAS			
Bureau No.: 094008		WMO No.: 94975		Aviation ID: NO ID		Opened: 01 Jan 1958		Current Status: Still open	
Latitude: -42.8339		Longitude: 147.5033		Elevation: 4 m		Barometer Elev: 27.4 m		Metadata compiled: 28 JUL 2025	

Station Observation Program Summary (Surface Observations) from 01/06/1958 to 03/11/2003

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 03/11/2003 to 12/10/2022

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 24/08/2019

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	Y	Y	Y	Y	Y	Y	Y
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	Y	Y	Y	Y	Y	Y	Y

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	Y	Y	Y
Wind & Temp.	06:00	-	-	-	-	-	-	-
Wind & Temp.	12:00	Y	Y	Y	Y	Y	Y	Y
Wind & Temp.	18:00	-	-	-	-	-	-	-
Wind	00:00	Y	Y	Y	Y	Y	Y	Y
Wind	06:00	-	-	-	-	-	-	-
Wind	12:00	Y	Y	Y	Y	Y	Y	Y
Wind	18:00	-	-	-	-	-	-	-

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All History

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Latitude:	-42.8339	Longitude:	147.5033	Elevation:	4 m	Barometer Elev:	27.4 m
Current Status:							Still open
Metadata compiled:							28 JUL 2025

Station Equipment History

Equipment Install/Remove

Cloud Height

02/OCT/2002 INSTALL Ceilometer (Type Vaisala CT25K S/N - W09413) Surface Observations
11/OCT/2022 REMOVE Ceilometer (Type Vaisala CL31 S/N - R1940328) Surface Observations
27/SEP/2019 REPLACE Ceilometer (Now Vaisala CL31 S/N - R1940328) Surface Observations
30/NOV/2009 REPLACE Ceilometer (Now Vaisala CT25K S/N - B14201) Surface Observations
01/JUN/1958 INSTALL Cloud Base Searchlight (Type 63 Degree S/N - 42100) Surface Observations
18/AUG/2004 REMOVE Cloud Base Searchlight (Type 90 Degree S/N - 96FS) Surface Observations
26/APR/1990 REPLACE Cloud Base Searchlight (Now 90 Degree S/N - 96FS) Surface Observations

Humidity

01/JAN/1966 INSTALL Hygrograph (Type Fielden S/N - Unknown) Surface Observations
25/AUG/1961 INSTALL Hygrograph (Type Hair Hygrograph S/N - 87) Surface Observations
26/APR/1990 REMOVE Hygrograph (Type Fielden S/N - Unknown) Surface Observations
31/DEC/1966 REMOVE Hygrograph (Type Hair Hygrograph S/N - 87) Surface Observations

Pressure Trend

25/AUG/1961 INSTALL Barograph (Type Weekly S/N - 1/43) Surface Observations
09/OCT/2022 REMOVE Barograph (Type Weekly S/N - CBM422) Surface Observations
11/JUL/2006 REPLACE Barograph (Now Weekly S/N - 1/43) Surface Observations
21/JUN/2006 REPLACE Barograph (Now Weekly S/N - CBM093) Surface Observations
10/JAN/2014 REPLACE Barograph (Now Weekly S/N - CBM422) Surface Observations
18/JUN/2013 REPLACE Barograph (Now Weekly S/N - CBM6286/035) Surface Observations

Lightning (No Electronic History)

Sea Surface Temperature (No Electronic History)

Magnetic Bearing (No Electronic History)

Wind Direction

01/JUN/1958 INSTALL Anemometer (Type Dines S/N - Unknown) Surface Observations
04/OCT/2000 INSTALL Anemometer (Type Synchrotac Vane - Type 706 S/N - 76460) Surface Observations
03/JUN/1998 INSTALL Anemometer (Type Synchrotac Vane - Type 706 S/N - WS S/N 64207) Surface Observations
26/APR/1990 INSTALL Anemometer (Type Unknown S/N - Unknown) Surface Observations
26/APR/1990 INSTALL Mast Anemometer (Type Pivot, c/w Base 10m S/N - Unknown) Infrastructure
26/APR/1990 INSTALL Wind Run Anemometer (Type Unknown S/N - Unknown) Surface Observations
26/APR/1990 REMOVE Anemometer (Type Dines S/N - Unknown) Surface Observations
10/OCT/2022 REMOVE Anemometer (Type Synchrotac Cups - Type 732 S/N - 88705) Surface Observations
12/OCT/2022 REMOVE Anemometer (Type Synchrotac Vane - Type 706 S/N - 76460) Surface Observations
03/JUN/1998 REMOVE Anemometer (Type Unknown S/N - Unknown) Surface Observations
09/OCT/2022 REMOVE Wind Run Anemometer (Type Synchrotac S/N - CBM603) Surface Observations
04/OCT/2000 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - 76362) Surface Observations
16/JUN/2008 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - 88705) Surface Observations
23/SEP/1996 REPLACE Wind Run Anemometer (Now Synchrotac S/N - CBM603) Surface Observations

Wet Bulb Temperature

26/APR/1990 INSTALL Temperature Probe - Wet Bulb (Type Unknown S/N - Unknown) Surface Observations
11/OCT/2022 REMOVE Temperature Probe - Wet Bulb (Type WIKA TR40 S/N - 63930-8) Surface Observations
27/MAY/1999 REPLACE Temperature Probe - Wet Bulb (Now Rosemount S/N - NONE) Surface Observations
13/DEC/2017 REPLACE Temperature Probe - Wet Bulb (Now WIKA TR40 S/N - 63930-8) Surface Observations

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All History

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Bureau No.:	094008	WMO No.:	94975	Aviation ID:	NO ID	Opened:	01 Jan 1958
Latitude:	-42.8339	Longitude:	147.5033	Elevation:	4 m	Barometer Elev:	27.4 m
Current Status:							Still open
Metadata compiled:							28 JUL 2025

Station Equipment History (continued)

Equipment Install/Remove(Continued)

13/DEC/2011 REPLACE Temperature Probe - Wet Bulb (Now WIKA TR40 S/N - 98197-7) Surface Observations
20/SEP/2006 INSTALL Thermometer, Mercury, Wet Bulb (Type Dobbie S/N - 21805) Upper Air
01/JUN/1958 INSTALL Thermometer, Mercury, Wet Bulb (Type Unknown S/N - Unknown) Surface Observations
09/OCT/2022 REMOVE Thermometer, Mercury, Wet Bulb (Type Dobbie S/N - 21747) Surface Observations
29/OCT/2003 REPLACE Thermometer, Mercury, Wet Bulb (Now Dobbie S/N - 21747) Surface Observations
14/JUL/1999 REPLACE Thermometer, Mercury, Wet Bulb (Now Dobbie S/N - CBM3184) Surface Observations
17/DEC/2001 REPLACE Thermometer, Mercury, Wet Bulb (Now Dobbie S/N - CBM4437) Surface Observations
23/SEP/1996 REPLACE Thermometer, Mercury, Wet Bulb (Now Dobbie S/N - M0791) Surface Observations
18/JUN/2008 REPLACE Thermometer, Mercury, Wet Bulb (Now Dobbie S/N - M0791) Upper Air
25/AUG/1961 REPLACE Thermometer, Mercury, Wet Bulb (Now Negretti and Zambra S/N - 290334) Surface Observations
20/NOV/2014 REPLACE Thermometer, Mercury, Wet Bulb (Now Unknown S/N - 27465) Upper Air
01/JAN/1973 REPLACE Thermometer, Mercury, Wet Bulb (Now Unknown S/N - Unknown) Surface Observations

Solar Radiation (Long Wave) (No Electronic History)

Spectral Radiation (No Electronic History)

Maximum Temperature

01/JUN/1958 INSTALL Thermometer, Mercury, Max (Type Unknown S/N - Unknown) Surface Observations
09/OCT/2022 REMOVE Thermometer, Mercury, Max (Type Dobbie S/N - 21941) Surface Observations
23/SEP/2020 REPLACE Thermometer, Mercury, Max (Now Dobbie S/N - 21941) Surface Observations
23/SEP/1996 REPLACE Thermometer, Mercury, Max (Now Dobbie S/N - 3589) Surface Observations
25/AUG/1961 REPLACE Thermometer, Mercury, Max (Now Dobbie S/N - 3871) Surface Observations
14/JUL/1999 REPLACE Thermometer, Mercury, Max (Now Dobbie S/N - CBM3589) Surface Observations
01/JAN/1973 REPLACE Thermometer, Mercury, Max (Now Unknown S/N - Unknown) Surface Observations
10/JUL/2020 REPLACE Thermometer, Mercury, Max (Now WIKA S/N - 23412) Surface Observations

Soil Temperature 10cm

01/MAY/1993 INSTALL Thermometer, Soil, 10cm (Type Unknown S/N - Unknown) Surface Observations
09/OCT/2022 REMOVE Thermometer, Soil, 10cm (Type Dobros S/N - 0270808) Surface Observations
15/APR/2004 REPLACE Thermometer, Soil, 10cm (Now Dobros S/N - 0136944) Surface Observations
21/DEC/2005 REPLACE Thermometer, Soil, 10cm (Now Dobros S/N - 0270808) Surface Observations
22/DEC/2005 REPLACE Thermometer, Soil, 10cm (Now Dobros S/N - 0270808) Surface Observations
01/MAY/1996 REPLACE Thermometer, Soil, 10cm (Now Dobros S/N - 722) Surface Observations
18/JAN/2000 REPLACE Thermometer, Soil, 10cm (Now Dobros S/N - 9725433) Surface Observations
01/OCT/2003 REPLACE Thermometer, Soil, 10cm (Now Dobros S/N - CBM730) Surface Observations

Soil Temperature 20cm

01/MAY/1993 INSTALL Thermometer, Soil, 20cm (Type Unknown S/N - Unknown) Surface Observations
09/OCT/2022 REMOVE Thermometer, Soil, 20cm (Type Dobros S/N - 0428920) Surface Observations
02/OCT/2003 REPLACE Thermometer, Soil, 20cm (Now Dobros S/N - 0270774) Surface Observations
16/JUL/2013 REPLACE Thermometer, Soil, 20cm (Now Dobros S/N - 0428920) Surface Observations
01/MAY/1996 REPLACE Thermometer, Soil, 20cm (Now Dobros S/N - 463) Surface Observations
14/SEP/2000 REPLACE Thermometer, Soil, 20cm (Now Dobros S/N - 9604811) Surface Observations

Soil Temperature 50cm (No Electronic History)

Snow Height (No Electronic History)

Soil Temperature 100cm (No Electronic History)

Sunshine Hours

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Station Equipment History (continued)

Equipment Install/Remove(Continued)

01/JAN/1967 INSTALL Sunshine Recorder (Type Campbell-Stokes S/N - 6587) Surface Observations
05/APR/2002 INSTALL Sunshine Recorder (Type Campbell-Stokes S/N - CMO92) Surface Observations
01/JAN/2004 REMOVE Sunshine Recorder (Type Campbell-Stokes S/N - 6587) Surface Observations
09/OCT/2022 REMOVE Sunshine Recorder (Type Campbell-Stokes S/N - CMO92) Surface Observations

Wind Run

26/APR/1990 INSTALL Wind Run Anemometer (Type Unknown S/N - Unknown) Surface Observations
09/OCT/2022 REMOVE Wind Run Anemometer (Type Synchrotac S/N - CBM603) Surface Observations
23/SEP/1996 REPLACE Wind Run Anemometer (Now Synchrotac S/N - CBM603) Surface Observations

Minimum Temperature

01/JUN/1958 INSTALL Thermometer, Alcohol, Min (Type Unknown S/N - Unknown) Surface Observations
11/OCT/2022 REMOVE Thermometer, Alcohol, Min (Type WIKA S/N - 31189) Surface Observations
29/NOV/2008 REPLACE Thermometer, Alcohol, Min (Now Dobbie S/N - 27644) Surface Observations
25/AUG/1961 REPLACE Thermometer, Alcohol, Min (Now Dobbie S/N - 4038) Surface Observations
23/SEP/1996 REPLACE Thermometer, Alcohol, Min (Now Dobbie S/N - S6694) Surface Observations
22/JUL/1986 REPLACE Thermometer, Alcohol, Min (Now Dobbie S/N - Unknown) Surface Observations
15/JUN/2009 REPLACE Thermometer, Alcohol, Min (Now Unknown S/N - 30429) Surface Observations
01/JAN/1973 REPLACE Thermometer, Alcohol, Min (Now Unknown S/N - Unknown) Surface Observations
16/JUL/2013 REPLACE Thermometer, Alcohol, Min (Now WIKA S/N - 31189) Surface Observations

Terrestrial Minimum Temperature

01/JUN/1958 INSTALL Thermometer, Terrestrial, Min (Type Unknown S/N - Unknown) Surface Observations
09/OCT/2022 REMOVE Thermometer, Terrestrial, Min (Type Unknown S/N - 31184) Surface Observations
23/SEP/1996 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 12703) Surface Observations
02/NOV/2006 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 15618) Surface Observations
23/JUL/2009 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 17072) Surface Observations
05/NOV/2000 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 19466) Surface Observations
09/NOV/2000 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 19466) Surface Observations
11/JUL/2007 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 20727) Surface Observations
28/NOV/2007 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 21049) Surface Observations
04/JUN/2015 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 24316) Surface Observations
02/JUL/2013 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 24316) Surface Observations
25/JUL/2008 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 24316) Surface Observations
12/OCT/2009 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 27644) Surface Observations
25/AUG/1961 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - 3990) Surface Observations
06/MAY/2006 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - M0174) Surface Observations
10/JUL/1998 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - M0186) Surface Observations
06/JUL/1988 REPLACE Thermometer, Terrestrial, Min (Now Dobbie S/N - Unknown) Surface Observations
01/JUL/2014 REPLACE Thermometer, Terrestrial, Min (Now Unknown S/N - 31184) Surface Observations
17/JUL/2017 REPLACE Thermometer, Terrestrial, Min (Now Unknown S/N - 31184) Surface Observations

Visibility

02/OCT/2002 INSTALL Visibility Meter (Type Vaisala FD12 S/N - W11104) Surface Observations
11/OCT/2022 REMOVE Visibility Meter (Type Vaisala FD12 S/N - W11104) Surface Observations

Soil Temperature 5cm (No Electronic History)

Sub Surface Temperature (No Electronic History)

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Station Equipment History (continued)

Equipment Install/Remove(Continued)

Electrical Conductivity (No Electronic History)

Oxygen Content

27/FEB/2000 INSTALL Gas Analyser (Type Teledyne 311P S/N - 00-0846) Upper Air
02/MAY/2014 REMOVE Gas Analyser (Type Teledyne 311P S/N - 189299) Upper Air
12/FEB/2008 REPLACE Gas Analyser (Now Teledyne 311P S/N - 189298) Upper Air
16/MAY/2008 REPLACE Gas Analyser (Now Teledyne 311P S/N - 189299) Upper Air

RF Reflectivity

01/FEB/1954 INSTALL Radar (Type 277F S/N - Unknown) Upper Air
01/FEB/1954 INSTALL Radar (Type 277F S/N - Unknown) WeatherWatch
06/APR/1990 INSTALL Radar (Type WF100-5C S/N - 00060) Upper Air
06/APR/1990 INSTALL Radar (Type WF100-5C S/N - 00060) WeatherWatch
28/JUL/1995 INSTALL Radar Interface (Type BOM S/N - 014) Upper Air
28/AUG/2019 INSTALL Radar Interface (Type BOM S/N - 014) WeatherWatch
26/FEB/2015 INSTALL Radar Safety System (RSS) (Type RSS (2502C/8502S) S/N - 5523-05) Upper Air
28/AUG/2019 INSTALL Radar Safety System (RSS) (Type RSS (2502C/8502S) S/N - 5523-05) WeatherWatch
01/SEP/1972 INSTALL Radar Tower (Type Lattice WF44 - 18 ft S/N - Unknown) Infrastructure
26/APR/1990 INSTALL WW Radar Interface (Type BOM S/N - Unknown) WeatherWatch
30/APR/1990 REMOVE Radar (Type WF44 S/N - Unknown) Upper Air
30/APR/1990 REMOVE Radar (Type WF44 S/N - Unknown) WeatherWatch
28/AUG/2019 REMOVE Radar Interface (Type BOM S/N - 014) Upper Air
28/AUG/2019 REMOVE Radar Safety System (RSS) (Type RSS (2502C/8502S) S/N - 5523-05) Upper Air
30/APR/1990 REMOVE Radar Tower (Type Lattice WF44 - 18 ft S/N - Unknown) Infrastructure
01/SEP/1972 REPLACE Radar (Now WF44 S/N - Unknown) Upper Air
01/SEP/1972 REPLACE Radar (Now WF44 S/N - Unknown) WeatherWatch
28/AUG/2019 UNSHARE Radar (Type WF100-5C S/N - 00060) Upper Air

Total Column Ozone Amount (No Electronic History)

Pressure

09/JUN/1967 INSTALL Barometer (Type Kew pattern mercury S/N - 1533) Surface Observations
01/JUN/1958 INSTALL Barometer (Type Kew pattern mercury S/N - Unknown) Surface Observations
26/APR/1990 INSTALL Barometer (Type Vaisala DPA25 S/N - 396235) Surface Observations
26/APR/1990 REMOVE Barometer (Type Kew pattern mercury S/N - 1533) Surface Observations
16/JAN/1992 REMOVE Barometer (Type Vaisala PA11 S/N - 229410) Surface Observations
12/OCT/2022 REMOVE Barometer (Type Vaisala PTB330B (General Use) S/N - G2970013) Surface Observations
09/JUN/1967 REPLACE Barometer (Now Kew pattern mercury S/N - 1567) Surface Observations
01/DEC/1959 REPLACE Barometer (Now Kew pattern mercury S/N - 1718) Surface Observations
08/MAR/1990 REPLACE Barometer (Now Vaisala PA11 S/N - 229410) Surface Observations
03/FEB/1992 REPLACE Barometer (Now Vaisala PA11A S/N - 433525) Surface Observations
22/JAN/2002 REPLACE Barometer (Now Vaisala PA11A S/N - P3720001) Surface Observations
12/DEC/2011 REPLACE Barometer (Now Vaisala PTB330B (General Use) S/N - G2970013) Surface Observations

Evaporation

24/OCT/1986 INSTALL Evaporation Pan (Type Class A S/N - NONE) Surface Observations
09/OCT/2022 REMOVE Evaporation Pan (Type Class A S/N - NONE) Surface Observations
17/MAY/2006 REPLACE Evaporation Pan (Now Class A S/N - NONE) Surface Observations

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Extended Climatological Station Metadata

All History

Station:	HOBART AIRPORT WEST		Location:	HOBART AIRPORT WEST		State:	TAS
Bureau No.:	094008	WMO No.:	94975	Aviation ID:	NO ID	Opened:	01 Jan 1958
Latitude:	-42.8339	Longitude:	147.5033	Elevation:	4 m	Current Status:	Still open
						Barometer Elev:	27.4 m
							Metadata compiled: 28 JUL 2025

Station Equipment History (continued)

Equipment Install/Remove(Continued)

13/JAN/2020 REPLACE Evaporation Pan (Now Class A S/N - NONE) Surface Observations

Rainfall

01/DEC/1960 INSTALL Pluviograph (Type Unknown S/N - Unknown) Rainfall Intensity
01/JAN/2009 REMOVE Pluviograph (Type Dines syphoning S/N - CMO36) Rainfall Intensity
25/AUG/1961 REPLACE Pluviograph (Now Dines syphoning S/N - CMO 244) Rainfall Intensity
01/JAN/1967 REPLACE Pluviograph (Now Dines syphoning S/N - CMO36) Rainfall Intensity
01/JUN/1958 INSTALL Raingauge (Type 203 mm (8in) - 200mm capacity S/N - Unknown) Surface Observations
31/OCT/2013 INSTALL Raingauge (Type HS-TB3/0.2/P S/N - 00006) Rainfall Intensity
26/APR/1990 INSTALL Raingauge (Type Rimco 7499 TBRG S/N - 818269) Surface Observations
03/AUG/2022 REMOVE Raingauge (Type 203 mm (8in) - 200mm capacity S/N - NONE) Surface Observations
14/NOV/2014 REMOVE Raingauge (Type HS-TB3/0.2/P S/N - 00006) Rainfall Intensity
21/AUG/2020 REMOVE Raingauge (Type Rimco TBRG (type unspecified) S/N - 314090) Rainfall Intensity
12/OCT/2022 REMOVE Raingauge (Type Rimco TBRG (type unspecified) S/N - 314090) Surface Observations
25/AUG/1961 REPLACE Raingauge (Now 203 mm (8in) - 200mm capacity S/N - NONE) Surface Observations
04/NOV/1999 REPLACE Raingauge (Now Rimco 7499 TBRG S/N - 77859) Rainfall Intensity
04/NOV/1999 REPLACE Raingauge (Now Rimco 7499 TBRG S/N - 77859) Surface Observations
04/OCT/2004 REPLACE Raingauge (Now Rimco TBRG (type unspecified) S/N - 314090) Rainfall Intensity
04/OCT/2004 REPLACE Raingauge (Now Rimco TBRG (type unspecified) S/N - 314090) Surface Observations
02/DEC/1996 SHARE Raingauge (Type Rimco 7499 TBRG S/N - 77859) Rainfall Intensity
02/DEC/1996 SHARE Raingauge (Type Rimco 7499 TBRG S/N - 818269) Rainfall Intensity
02/DEC/1996 SHARE Raingauge (Type Rimco TBRG (type unspecified) S/N - 314090) 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 (No Electronic History)

Wind Speed

01/JUN/1958 INSTALL Anemometer (Type Dines S/N - Unknown) Surface Observations
04/OCT/2000 INSTALL Anemometer (Type Synchrotac Vane - Type 706 S/N - 76460) Surface Observations
03/JUN/1998 INSTALL Anemometer (Type Synchrotac Vane - Type 706 S/N - WS S/N 64207) Surface Observations
26/APR/1990 INSTALL Anemometer (Type Unknown S/N - Unknown) Surface Observations
26/APR/1990 INSTALL Mast Anemometer (Type Pivot, c/w Base 10m S/N - Unknown) Infrastructure
26/APR/1990 INSTALL Wind Run Anemometer (Type Unknown S/N - Unknown) Surface Observations
26/APR/1990 REMOVE Anemometer (Type Dines S/N - Unknown) Surface Observations
10/OCT/2022 REMOVE Anemometer (Type Synchrotac Cups - Type 732 S/N - 88705) Surface Observations
12/OCT/2022 REMOVE Anemometer (Type Synchrotac Vane - Type 706 S/N - 76460) Surface Observations
03/JUN/1998 REMOVE Anemometer (Type Unknown S/N - Unknown) Surface Observations
09/OCT/2022 REMOVE Wind Run Anemometer (Type Synchrotac S/N - CBM603) Surface Observations
04/OCT/2000 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - 76362) Surface Observations
16/JUN/2008 REPLACE Anemometer (Now Synchrotac Cups - Type 732 S/N - 88705) Surface Observations
23/SEP/1996 REPLACE Wind Run Anemometer (Now Synchrotac S/N - CBM603) Surface Observations

Air Temperature

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Extended Climatological Station Metadata

All History

Station:	HOBART AIRPORT WEST		Location:	HOBART AIRPORT WEST		State:	TAS
Bureau No.:	094008	WMO No.:	94975	Aviation ID:	NO ID	Opened:	01 Jan 1958
Latitude:	-42.8339	Longitude:	147.5033	Elevation:	4 m	Barometer Elev:	27.4 m
Current Status:							Still open
Metadata compiled:							28 JUL 2025

Station Equipment History (continued)

Equipment Install/Remove(Continued)

26/APR/1990 INSTALL Temperature Probe - Dry Bulb (Type Rosemount S/N - NONE) Surface Observations
10/OCT/2022 REMOVE Temperature Probe - Dry Bulb (Type WIKA TR40 S/N - 98197-4) Surface Observations
13/DEC/2011 REPLACE Temperature Probe - Dry Bulb (Now WIKA TR40 S/N - 98197-4) Surface Observations
25/AUG/1961 INSTALL Thermograph (Type Weekly S/N - 275) Surface Observations
31/DEC/1966 REMOVE Thermograph (Type Weekly S/N - 275) Surface Observations
20/SEP/2006 INSTALL Thermometer, Mercury, Dry Bulb (Type Dobbie S/N - CBM879) Upper Air
01/JUN/1958 INSTALL Thermometer, Mercury, Dry Bulb (Type Unknown S/N - Unknown) Surface Observations
11/OCT/2022 REMOVE Thermometer, Mercury, Dry Bulb (Type Dobbie S/N - 503642) Surface Observations
28/NOV/2014 REPLACE Thermometer, Mercury, Dry Bulb (Now Dobbie S/N - 27464) Surface Observations
29/NOV/2014 REPLACE Thermometer, Mercury, Dry Bulb (Now Dobbie S/N - 503642) Surface Observations
23/SEP/1996 REPLACE Thermometer, Mercury, Dry Bulb (Now Dobbie S/N - M0785) Surface Observations
25/AUG/1961 REPLACE Thermometer, Mercury, Dry Bulb (Now Negretti and Zambra S/N - 290321) Surface Observations
01/JAN/1973 REPLACE Thermometer, Mercury, Dry Bulb (Now Unknown S/N - Unknown) Surface Observations
26/MAY/2010 REPLACE Thermometer, Mercury, Dry Bulb (Now WIKA S/N - 23010) 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 multi-stage quality control process.

Available Date Range	Element	Fail Field Performance Check
14/JAN/2004 - 29/SEP/2020	Cloud Height	1
21/MAR/2000 - 16/APR/2016	Pressure Trend	0
20/MAY/1999 - 21/APR/2021	Wind Direction	5
14/JUL/1999 - 29/SEP/2020	Wet Bulb Temperature	5
14/JUL/1999 - 31/MAR/2015	Maximum Temperature	0
14/JUL/1999 - 31/MAR/2015	Soil Temperature 10cm	1
14/JUL/1999 - 31/MAR/2015	Soil Temperature 20cm	1
14/JUL/1999 - 31/MAR/2015	Wind Run	0
14/JUL/1999 - 31/MAR/2015	Minimum Temperature	0
14/JUL/1999 - 31/MAR/2015	Terrestrial Minimum Temperature	0
14/JAN/2004 - 29/SEP/2020	Visibility	3
30/NOV/2007 - 31/JAN/2014	Oxygen Content	23
21/JUL/2004 - 30/NOV/2020	RF Reflectivity	4
06/JUL/1988 - 16/OCT/2020	Pressure	1
21/MAR/2000 - 31/MAR/2015	Evaporation	0
14/JUL/1997 - 29/SEP/2020	Rainfall	3
20/MAY/1999 - 21/APR/2021	Wind Speed	5
14/JUL/1997 - 29/SEP/2020	Air Temperature	3

Station Detail Changes

09/MAY/2006 CLASSIFICATION AWS Funding - Aviation Funded Assets (AVAF)

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All History

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Station Equipment History (continued)

Station Detail Changes(Continued)

12/OCT/2020 CLASSIFICATION AWS Priority 1 - Critical (SLP1-AWS) ENDED 31-07-2022
26/JUN/2002 CLASSIFICATION CLIMAT Stations (CLC) ENDED 03-08-2022
26/JUN/2002 CLASSIFICATION CLIMAT TEMP Stations (CLT)
09/MAY/2006 CLASSIFICATION Category A (TAF A)
10/JAN/2011 CLASSIFICATION Critical (ASOSCRIT)
10/JUN/2014 CLASSIFICATION Critical Aviation or Defence (AVCRIT) ENDED 16-10-2020
14/FEB/1997 CLASSIFICATION GCOS Upper Air Network (GUAN)
01/JUL/1998 CLASSIFICATION Information and Observations (MIO) ENDED 18-11-2002
28/MAY/2021 CLASSIFICATION Mastered in EAMS (EAMS)
18/NOV/2002 CLASSIFICATION Observations Only (MO)
01/JUL/2017 CLASSIFICATION Observing Operations Hub - Hobart (OOH-H)
21/MAR/2016 CLASSIFICATION Processed by ASOS (PBA)
01/JUL/1998 CLASSIFICATION Rawinsonde Stations (RS)
05/AUG/1997 CLASSIFICATION Reference Climate Stations (RCS) ENDED 30-06-2011
14/FEB/1997 CLASSIFICATION Regional Basic Synoptic Network (RBSN) ENDED 03-08-2022
13/MAR/2008 OBJECT Document/094008080313sunskydata
13/JAN/2009 OBJECT Document/094008090113_afp_adapt_a_shop_programme
29/MAR/2018 OBJECT Document/094008180329AWS
29/MAR/2018 OBJECT Document/094008180329sittingspec
19/MAY/2021 OBJECT Document/ASOS CONFIGURATION
17/APR/2019 OBJECT Document/AWS SITE AUDIT
01/JUL/2014 OBJECT Document/AWS SITE AUDIT
29/MAR/2018 OBJECT Document/CEILOMETER STATUS
17/APR/2019 OBJECT Document/CEILOMETER STATUS
18/NOV/2013 OBJECT Document/CEILOMETER STATUS
12/NOV/2014 OBJECT Document/CEILOMETER STATUS
16/NOV/2015 OBJECT Document/CEILOMETER STATUS
06/APR/2017 OBJECT Document/CEILOMETER STATUS
13/DEC/2017 OBJECT Document/CEILOMETER STATUS
20/NOV/2019 OBJECT Document/CEILOMETER STATUS
24/SEP/2020 OBJECT Document/CEILOMETER STATUS
16/OCT/2018 OBJECT Document/CEILOMETER STATUS
19/MAY/2011 OBJECT Document/CEILOMETER STATUS
13/DEC/2011 OBJECT Document/CEILOMETER STATUS
14/JUN/2012 OBJECT Document/CEILOMETER STATUS
22/NOV/2012 OBJECT Document/CEILOMETER STATUS
15/APR/2014 OBJECT Document/CEILOMETER STATUS
30/MAR/2015 OBJECT Document/EMR_Survey_20150330
04/OCT/2016 OBJECT Document/EMR_Survey_20161004
17/SEP/2019 OBJECT Document/EMR_Survey_20190917
03/MAR/2002 OBJECT Document/F611_ymhb0203
26/FEB/2003 OBJECT Document/F611_ymhb0302
01/JAN/2004 OBJECT Document/F611_ymhb0401

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Bureau No.:	094008	WMO No.:	94975	Aviation ID:	NO ID	Opened:	01 Jan 1958	Current Status:	Still open
Latitude:	-42.8339	Longitude:	147.5033	Elevation:	4 m	Barometer Elev:	27.4 m	Metadata compiled:	28 JUL 2025

Station Equipment History (continued)

Station Detail Changes(Continued)

01/JAN/2005 OBJECT Document/F611 ymhb0501
01/MAR/2006 OBJECT Document/F611 ymhb0603
01/JAN/2007 OBJECT Document/F611 ymhb0701
02/FEB/2008 OBJECT Document/F611 ymhb0802
01/MAR/2010 OBJECT Document/F611 ymhb1001
01/MAR/2013 OBJECT Document/F611 ymhb1303
29/APR/1998 OBJECT Document/F611 ymhb9804
19/SEP/2012 OBJECT Document/ITP_120919RQ
19/SEP/2012 OBJECT Document/Isolate_Task_Proforma_Electrolyser
19/SEP/2012 OBJECT Document/Isolate_Task_Proforma_WF100_YMHB
19/SEP/2012 OBJECT Document/PTW_120919RQ
13/MAR/2019 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
13/DEC/2017 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
23/SEP/2016 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
30/AUG/2018 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
19/SEP/2019 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
12/NOV/2013 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
15/MAY/2014 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
14/NOV/2014 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
15/MAY/2015 OBJECT Document/RADAR MAINTENANCE CHECKSHEET
14/SEP/2010 OBJECT Document/RAPIC TX CAL DATA
12/SEP/2013 OBJECT Document/RAPIC TX CAL DATA
10/NOV/2014 OBJECT Document/RAPIC TX CAL DATA
30/AUG/2018 OBJECT Document/RAPIC TX CAL DATA
26/SEP/2005 OBJECT Document/RAPIC TX CAL DATA
27/SEP/2016 OBJECT Document/RSS VALIDATION RECORD
27/FEB/2015 OBJECT Document/RSS VALIDATION RECORD
29/MAR/2018 OBJECT Document/SKYLINE DATA
07/JUN/2011 OBJECT Document/SKYLINE DATA
07/JUN/2011 OBJECT Document/SKYLINE DATA - ANEMOMETER
24/APR/2006 OBJECT Document/SKYLINE DATA - ANEMOMETER
24/APR/2006 OBJECT Document/SKYLINE DATA - RADAR
18/DEC/2013 OBJECT Document/VISIBILITY METER STATUS
29/MAR/2018 OBJECT Document/VISIBILITY METER STATUS
17/APR/2019 OBJECT Document/VISIBILITY METER STATUS
18/NOV/2013 OBJECT Document/VISIBILITY METER STATUS
20/JAN/2014 OBJECT Document/VISIBILITY METER STATUS
18/FEB/2014 OBJECT Document/VISIBILITY METER STATUS
18/MAR/2014 OBJECT Document/VISIBILITY METER STATUS
23/APR/2014 OBJECT Document/VISIBILITY METER STATUS
12/NOV/2014 OBJECT Document/VISIBILITY METER STATUS
16/NOV/2015 OBJECT Document/VISIBILITY METER STATUS
06/APR/2017 OBJECT Document/VISIBILITY METER STATUS

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							Metadata compiled: 28 JUL 2025

Station Equipment History (continued)

Station Detail Changes(Continued)

13/DEC/2017 OBJECT Document/VISIBILITY METER STATUS
20/NOV/2019 OBJECT Document/VISIBILITY METER STATUS
24/SEP/2020 OBJECT Document/VISIBILITY METER STATUS
16/OCT/2018 OBJECT Document/VISIBILITY METER STATUS
19/MAY/2011 OBJECT Document/VISIBILITY METER STATUS
13/DEC/2011 OBJECT Document/VISIBILITY METER STATUS
14/JUN/2012 OBJECT Document/VISIBILITY METER STATUS
22/NOV/2012 OBJECT Document/VISIBILITY METER STATUS
15/APR/2014 OBJECT Document/VISIBILITY METER STATUS
20/NOV/2019 OBJECT Document/YMHB Mast Inspection 20112019
24/SEP/2020 OBJECT Document/YMHB VismeterCalGuide_FD12_20200924
14/JAN/2008 OBJECT Document/YMHB012008OHS QUESTIONNAIRE
14/JUN/2019 OBJECT Document/t&t_ymhb_20190612
17/JAN/2006 OBJECT Document/ymhb_env_audit_rep
09/AUG/2010 OBJECT Document/ymhb_metconsole_dtseconfig_09082010
14/JUL/2009 OBJECT Document/ymhb_metconsole_dtseconfig_14072009
09/AUG/2010 OBJECT Document/ymhb_metconsole_stationconfig_09082010
14/JUL/2009 OBJECT Document/ymhb_metconsole_stationconfig_14072009
01/JAN/1958 STATION - (nondb seeding) Opened
01/JAN/1958 STATION - (nondb seeding) aero_ht Changed to 4
01/JAN/1958 STATION - (nondb seeding) bar_ht Changed to 26.8
01/JAN/1958 STATION - (nondb seeding) bar_ht_deriv Changed to MAP 1:100 000
01/JAN/1958 STATION - (nondb seeding) name Changed to HOBART AIRPORT
01/JAN/1958 STATION - (nondb seeding) wmo_num Changed to 94975
03/AUG/2022 STATION aviation_id Changed to
01/JAN/1958 STATION aviation_id Changed to YMHB
04/AUG/1998 STATION bar_ht Changed to 27.39
04/AUG/1998 STATION bar_ht_deriv Changed to SURVEY
01/JAN/1958 STATION latitude Changed to -42.8339Seeded from NonDb
01/JAN/1958 STATION latlon_deriv Changed to GPS
01/JAN/1958 STATION longitude Changed to 147.5033Seeded from NonDb
01/JAN/1958 STATION lu_0_100m Changed to Airport
01/JAN/1958 STATION lu_100m_1km Changed to Airport
01/JAN/1958 STATION lu_1km_10km Changed to Small town < 1000 population
03/AUG/2022 STATION name Changed to HOBART AIRPORT WEST
01/JAN/1958 STATION soil_type Changed to sand
01/JAN/1958 STATION stn_ht Changed to 4
01/JAN/1958 STATION stn_ht_deriv Changed to MAP 1:25 000
01/JAN/1958 STATION surface_type Changed to mostly covered by grass

System Changes

01/FEB/1954 SYSTEM Infrastructure Commenced
21/AUG/2020 SYSTEM Rainfall Intensity Ceased
01/DEC/1960 SYSTEM Rainfall Intensity Commenced

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Latitude:	-42.8339	Longitude:	147.5033	Elevation:	4 m	Barometer Elev:	27.4 m	Metadata compiled:	28 JUL 2025

Station Equipment History (continued)

System Changes(Continued)

10/AUG/2006 SYSTEM Reference Standards Commenced
12/OCT/2022 SYSTEM Surface Observations Ceased
01/JUN/1958 SYSTEM Surface Observations Commenced
01/FEB/1954 SYSTEM Upper Air Commenced
01/FEB/1954 SYSTEM WeatherWatch Commenced

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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, 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.

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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 Locations
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).

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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)

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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

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Calibration

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

Where a quantitative 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

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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

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