

Terrestrial T27A Winter Snow Tracking--Site Snow Cover Raw Data Metadata

Rotation

Unique ID	T27A_IC00001
Attribute Definition	Reference describing when data was collected at a broad level (i.e., Prototype, Rotation 1, Rotation 2). The rotation number indicates the visit number (i.e. 1 = first visit, 2 = second visit or first revisit).
Value Type	Text
Code	Prototype = 2003--2006 Rotation 1 = 2007 onward Rotation 2 = 2015 onward

ABMI Site

Unique ID	T27A_IC00003
Attribute Definition	Reference number given to each ABMI data collection site. An alphabetized suffix distinguishes a new site from the old site(s). Off grid data collection sites are appended with an OG prefix, 2-5 letter project code prefix, and a 1-2 digit suffix.
Value Type	Number
Format	1-4 digits & 1 letter (if necessary); OG & 2-5 letter prefix, 1-4 digits, and 1-2 digit suffix
Range	1-1656; OG & 2-5 letter prefix (if applicable)

Year

Unique ID	T27A_IC00002
Attribute Definition	Collection year.
Value Type	Date
Format	YYYY

Field Date

Unique ID	T27A_IC00015
Attribute Definition	Day, month, and year data was collected.
Value Type	Date
Format	DD-Mon-YY
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Field Crew Member(s)

Unique ID	T27A_IC00379
Attribute Definition	Initials for the field technicians collecting the field data.
Value Type	Text
Format	2 or 3 letters (UPPERCASE) and 1 number (if necessary); 1 set of initials or a combination of many
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Visit

Unique ID	T27A_IC00361
Attribute Definition	First, second or third visit to the site. If sampling was interrupted during a visit (e.g. due to snow or other weather), it was completed during a second and/or third visit.
Value Type	Code
Code	1 = First visit to the stie 2 = Second visit to the site 3 = Third visit to the site

Method of Travel

Unique ID	T27A_IC00211
Attribute Definition	Method of Travel
Value Type	Code
Code	ATV ATV\Walk Snowmobile Snowmobile\Walk Walk Truck
Missing Values	DNC = Did Not Collect

Route Tracked

Unique ID	T27A_IC00277
Attribute Definition	A primary predetermined snow tracking transect (Route A) defined in lab is the preferred route for snow tracking. A secondary transect (Route B) is identified in lab as a back-up prior to conducting the field work. If neither transect is passable during survey, crew can choose an alternate route (Route C).
Value Type	Code
Code	A = Route A AMOD = Modified route A B = Route B BMOD = Modified Route B C = Route C
Missing Values	DNC = Did Not Collect

Start Time

Unique ID	T27A_IC00305
Attribute Definition	Time the transect was started.
Value Type	Date
Format	0:00
Missing Values	DNC = Did Not Collect

End Time

Unique ID	T27A_IC00169
Attribute Definition	Time the transect was finished.
Value Type	Date
Format	0:00
Missing Values	DNC = Did Not Collect

Days Since Snow

Unique ID	T27A_IC00142
Attribute Definition	Number of days between the most recent track-obbliterating snow fall and the day of the survey.
Value Type	Number
Format	1 or more digits
Range	3 to 6
Missing Values	DNC = Did Not Collect

Snow Conditions

Unique ID	T27A_IC00300
Attribute Definition	Snow condition as noted at the beginning of the transect. Powder is the ideal snow condition for snow tracking.
Value Type	Code
Format	UPPER and lowercase
Code	Powder Wet Crust
Missing Values	DNC = Did Not Collect

Temperature (Degrees Celsius)

Unique ID	T27A_IC00313
Attribute Definition	Air temperature at the start of each transect.

Value Type	Number
Range	-40 and up
Unit	Celsius
Missing Values	DNC = Did Not Collect

Weather

Unique ID	T27A_IC00382
Attribute Definition	Outside environmental conditions at the start of the transect.
Value Type	Code
Code	Clear Cloudy Overcast
Missing Values	DNC = Did Not Collect

Starting Snow Depth 1 (centimetres)

Unique ID	T27A_IC00383
Attribute Definition	Start Snow Depth 1 (centimetres)
Value Type	Number
Format	1 or more digits
Unit	centimetre
Missing Values	DNC = Did Not Collect

Starting Snow Depth 2 (centimetres)

Unique ID	T27A_IC00383_2
Attribute Definition	Start Snow Depth 2 (centimetres)
Value Type	Number
Format	1 or more digits
Unit	centimetre
Missing Values	DNC = Did Not Collect

Starting Snow Depth 3 (centimetres)

Unique ID	T27A_IC00383_3
Attribute Definition	Start Snow Depth 3 (centimetres)
Value Type	Number
Format	1 or more digits
Unit	centimetre
Missing Values	DNC = Did Not Collect

Ending Snow Depth 4 (centimetres)

Unique ID	T27A_IC00383_4
Attribute Definition	End Snow Depth 4 (centimetres)
Value Type	Number
Format	1 or more digits
Unit	centimetre
Missing Values	DNC = Did Not Collect

Ending Snow Depth 5 (centimetres)

Unique ID	T27A_IC00383_5
Attribute Definition	End Snow Depth 5 (centimetres)
Value Type	Number
Format	1 or more digits
Unit	centimetre
Missing Values	DNC = Did Not Collect

Ending Snow Depth 6 (centimetres)

Unique ID	T27A_IC00383_6
Attribute Definition	End Snow Depth 6 (centimetres)
Value Type	Number
Format	1 or more digits
Unit	centimetre
Missing Values	DNC = Did Not Collect