ETH zürich

Department of Environmental Systems Science | **Institute for Atmospheric and Climate Science**

Global Energy Balance Archive

Station History File Format

A logical record contains all station and station history data stored for one station in the GEBA database. It starts with a pair of lines with labels st1 and st2 and ends with the line before the next pair of lines with these labels or with the last line in the file. The data types are coded as follows: Ix is an integer with an x-digit representation, Fx.y is a float, Ax is a character string x characters longs, VAx is a character string of variable length whose maximum length is x characters, ',' lat,' are examples of constant character strings, X is a blank.

Label col. nos.	Format of Line Name of Field	Format	No. of Lines Missing Code
stl	A3,X,I6,X,VA60,',',X,VA50	-	1
1-3	label of line	A3	not missing
5-10	GEBA station no.	I6	not missing
12-	station name and name of country separated with a ,	VA112	not missing
st2	A3,X,I3,X,I2,X,I2,X,A1,X,'lon,',X,I3,X,I2,X,I2,X,A1,X,'lat,',X,I5,X,'masl,',X,'permanent?',X,A1	-	1
1-3	label of line	A3	not missing
5-37	longitude and latitude in usual notation	cf. line format	not missing
39-43	altitude in m above mean sea level	I5	not missing
62	Y if station permanent, N else	A1	not missing
his	A3,XX,I5,X,I4,XX,A6,X,A20,X,A10,X,A3,X,A11,X,A11	-	0, 1 or many
1-3	label of line	A3	not missing
6-10	station history record no.	I5	not missing
12-15	energy balance component no.	I4	not missing
17-22	energy balance short name	A6	not missing
24-43	unit	A20	not missing
45-54	instrument code	A10	XXX or YYY
56-58	scale	A3	XXX
60-70	start of period	A11	not missing
72-82	end of period	A11	not missing
sco	remarks on station in this logical record	VA240	0 or 1

| hco | remarks on preceeding line with label his | VA80 | 0, 1 or many |
| hme | method of measurement applied in period described in preceeding line with label his | VA80 | 0, 1 or many |

Page URL: http://www.geba.ethz.ch/data-retrieval/data-formats/station-history-file.html
01.03.2017
© **2017** **Eidgenössische Technische Hochschule Zürich**