

OR/19/015 Appendix 2 - Measured subsurface temperature data

From Earthwise

[Jump to navigation](#) [Jump to search](#)

Busby, J P. 2019. Thermal conductivity and subsurface temperature data pertaining to the Glasgow Geothermal Energy Research Field Site (GGERFS). *British Geological Survey Open Report*, OR/19/015.

Hallside Borehole (266940E, 659750N) Data ref. Burley et al. (1984)^[1]

Depth (m)	Temperature (°C)	Type	Comment
350.0	11.8	LOG	60 hr after circulation correction applied

Queenslie No. 4 Borehole (264660E, 665980N) Data ref. Burley et al. (1984)^[1]

Depth (m)	Temperature (°C)	Type	Comment
691.0	36.0	BHT	No correction applied

Bargeddie No. 1 Borehole (269378E, 664649N) Data ref. DECC Onshore Wells

Depth (m)	Temperature (°C)	Type	Comment
720.8	30.3	DST	DST 6; tight?
773.9	29.5	DST	DST 2; produced gas
802.8	32.9	DST	DST 4; tight?
884.0	36.1	DST	DST 5; produced water
934.9	38.0	DST	DST 3; produced water
978.9	38.7	DST	DST 1; produced water

Maryhill Borehole (257180E, 668560N) Data ref. Wheildon et al. (1985)^[2]

Depth (m)	Temperature (°C)	Type	Comment
6.12	9.36	EQM	
9.18	9.39	EQM	
12.24	9.39	EQM	
15.30	9.43	EQM	
18.35	9.50	EQM	
21.41	9.64	EQM	
24.47	9.80	EQM	
27.53	10.01	EQM	
30.59	10.17	EQM	
33.65	10.26	EQM	
36.71	10.31	EQM	
39.77	10.39	EQM	
42.83	10.49	EQM	
45.89	10.62	EQM	
48.95	10.77	EQM	
52.00	10.92	EQM	
55.06	11.01	EQM	
58.12	11.09	EQM	
61.18	11.18	EQM	
64.24	11.29	EQM	

67.30	11.36	EQM
70.36	11.43	EQM
73.42	11.48	EQM
76.48	11.53	EQM
79.54	11.61	EQM
82.60	11.72	EQM
85.65	11.83	EQM
88.71	11.92	EQM
91.77	12.00	EQM
94.83	12.08	EQM
97.89	12.28	EQM
100.95	12.29	EQM
104.01	12.40	EQM
107.07	12.51	EQM
110.13	12.71	EQM
113.19	12.91	EQM
116.25	13.09	EQM
119.30	13.27	EQM
122.36	13.45	EQM
125.42	13.67	EQM
128.48	13.87	EQM
131.54	14.05	EQM
134.60	14.17	EQM
137.66	14.27	EQM
140.72	14.37	EQM
143.78	14.47	EQM
146.84	14.55	EQM
149.89	14.64	EQM
152.95	14.73	EQM
156.01	14.82	EQM
159.07	14.94	EQM
162.13	15.07	EQM
165.19	15.23	EQM
168.25	15.37	EQM
171.31	15.49	EQM
174.37	15.61	EQM
177.43	15.73	EQM
180.49	15.84	EQM
183.54	15.93	EQM
186.60	16.01	EQM
189.66	16.09	EQM
192.72	16.18	EQM
195.78	16.27	EQM
198.84	16.35	EQM
201.90	16.43	EQM
204.96	16.51	EQM
208.02	16.60	EQM
211.08	16.69	EQM
214.14	16.77	EQM
217.19	16.86	EQM
220.25	16.95	EQM
223.31	17.04	EQM
226.37	17.13	EQM

229.43	17.24	EQM
232.49	17.32	EQM
235.55	17.41	EQM
238.61	17.50	EQM
241.67	17.58	EQM
244.73	17.64	EQM
247.79	17.69	EQM
250.84	17.73	EQM
253.90	17.78	EQM
256.96	17.82	EQM
260.02	17.88	EQM
263.08	17.97	EQM
266.14	18.07	EQM
269.20	18.18	EQM
272.26	18.30	EQM
275.32	18.40	EQM
278.38	18.49	EQM
281.44	18.61	EQM
284.49	18.78	EQM
287.55	18.96	EQM
290.61	19.18	EQM
293.67	19.39	EQM
296.73	19.57	EQM
299.79	19.80	EQM
302.85	20.01	EQM
303.12	20.03	EQM

Hurlet House borehole (250100E, 661200N) Data ref. Oxburgh (1982)^[3]

Depth (m)	Temperature (°C)	Type	Comment
15	9.2	LOG	
21	9.3	LOG	
40	9.8	LOG	
75	10.7	LOG	
85	11.0	LOG	
90	11.2	LOG	
95	11.3	LOG	
105	11.5	LOG	
115	11.6	LOG	
125	11.9	LOG	
135	12.1	LOG	
145	12.3	LOG	
160	12.6	LOG	
175	12.9	LOG	
185	13.1	LOG	
195	13.3	LOG	
205	13.5	LOG	
215	13.6	LOG	
225	13.8	LOG	
235	14.0	LOG	
240	14.1	LOG	
245	14.2	LOG	

255	14.4	LOG
260	14.6	LOG
265	14.7	LOG
270	14.8	LOG
275	15.0	LOG
280	15.1	LOG
285	15.3	LOG
290	15.5	LOG
295	15.6	LOG

Blythswood Borehole (250030E, 668230N) Data ref. Burley et al. (1984)^[1]

Depth (m)	Temperature (°C)	Type	Comment
105.0	12.0	EQM	

Highhouse Colliery (253210E, 672020N) Data ref. Burley et al. (1984)^[1]

Depth (m)	Temperature (°C)	Type	Comment
436.0	18.0	MWT	

South Balgray Borehole (250000E, 675000N) Data ref. Burley et al. (1984)^[1]

Depth (m)	Temperature (°C)	Type	Comment
137.0	14.5	EQM	
160.0	15.3	EQM	

Salsburgh 1A Borehole (281660E, 664860N) Data ref. Burley et al. (1984)^[1]

Depth (m)	Temperature (°C)	Type	Comment
874.0	29.0	DST	No correction applied
883.0	30.0	BHT	No correction applied

Salsburgh 2 Borehole (282110E, 663850N) Data ref. Rollin (1987)^[1]

Depth (m)	Temperature (°C)	Type	Comment
1104.0	44.0	BHT	No correction applied

Craighead No. 1 Borehole (282670E, 662120N) Data ref. Burley et al. (1984)^[1]

Depth (m)	Temperature (°C)	Type	Comment
977.0	35.0	BHT	No correction applied

Clachie Bridge Borehole (264470E, 683680N) Data ref. Burley et al. (1984)^[1] & Oxburgh (1982)^[3]

Depth (m)	Temperature (°C)	Type	Comment
30	7.0	LOG	
35	7.1	LOG	
45	7.4	LOG	
55	7.6	LOG	
80	8.3	LOG	
90	8.6	LOG	
120	9.3	LOG	

130	9.6	LOG
135	9.7	LOG
140	9.8	LOG
145	9.9	LOG
170	10.6	LOG
180	10.8	LOG
200	11.3	LOG
205	11.4	LOG
215	11.6	LOG
225	11.8	LOG
230	11.9	LOG
235	12.0	LOG
245	12.2	LOG
265	12.6	LOG
285	13.0	LOG
290	13.0	LOG
300	13.2	LOG

References

- ↑ [1.0](#) [1.1](#) [1.2](#) [1.3](#) [1.4](#) [1.5](#) [1.6](#) [1.7](#) BURLEY, A J, EDMUNDS, W M, and GALE, I N. 1984. Investigation of the geothermal potential of the UK: catalogue of geothermal data for the land area of the United Kingdom; Second revision. British Geological Survey, 161pp. (WJ/GE/84/20) (Unpublished)
- ↑ WHEILDON, J, GEBSKI, J S, and THOMAS-BETTS, A. 1985. Further Investigations of the UK Heat Flow Field (1981-1984). Investigation of the Geothermal Potential of the UK. British Geological Survey, Keyworth, Nottingham.
- ↑ [3.0](#) [3.1](#) OXBURGH, E R. 1982. Compilation of heat flow data measured by the Oxford University Heat Flow Group under contract to the Department of Energy. Unpublished document submitted to J D Garnish, ETSU, Harwell.
- ↑ ROLLIN, K E. 1987. Investigation of the geothermal potential of the UK: catalogue of geothermal data for the land area of the United Kingdom; Third revision. British Geological Survey, (WJ/GE/87/7) (Unpublished)

Retrieved from

http://earthwise.bgs.ac.uk/index.php?title=OR/19/015_Appendix_2_-_Measured_subsurface_temperature_data&oldid=40712

Category:

- [OR/19/015 Thermal conductivity and subsurface temperature data pertaining to the Glasgow Geothermal Energy Research Field Site \(GGERFS\)](#)

Navigation menu

Personal tools

- Not logged in
- [Talk](#)
- [Contributions](#)
- [Log in](#)
- [Request account](#)

Namespaces

- [Page](#)
- [Discussion](#)

Variants

Views

- [Read](#)
- [Edit](#)
- [View history](#)
- [PDF Export](#)

More

Search

Navigation

- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)
- [Cite this page](#)
- [Browse properties](#)

• This page was last modified on 28 May 2019, at 12:06.

- [Privacy policy](#)
- [About Earthwise](#)
- [Disclaimers](#)

•



