

Keptie Road  
Rainfall at *Arbroath, Forfarshire, Scotland.*

40

*Forfar.*

*Alex. Brown*

*Mrs return*

Diameter of Gauge,  $7\frac{1}{2}$  in.

Height above Ground, 2 ft. 0 in.

Above Mean Sea Level, 65 ft.

S. bar - 3.

YEAR - -	1840			1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -					2.41	2.57	2.55	2.03	1.71	3.12	
February - -					3.12	1.65	.86	.35	5.80	1.41	
March - - -				.90	1.75	1.79	1.31	.67	2.99	.82	
April - - -				3.50	.75	1.38	2.76	1.42	2.40	1.44	
May - - - -				2.30	.51	1.45	2.09	4.93	.71	2.26	
June - - - -				1.90	3.31	3.51	1.50	1.82	5.27	1.98	
July - - - -				4.80	3.45	2.71	4.18	2.36	2.61	3.40	
August - - -				2.20	1.89	2.80	2.42	.99	1.95	1.48	
September -				.60	2.46	2.08	2.39	.71	1.01	1.20	
October - - -				3.40	1.09	4.28	5.58	3.13	4.17	1.22	
November -				3.00	4.22	2.56	2.82	1.66	2.06	2.10	
December -				.30	1.42	1.43	1.11	5.30	2.26	3.11	
TOTALS -	(25.10)	(29.00)	(24.40)	(26.20)	26.38	28.21	29.57	25.37	32.94	23.54	(27.07)

*Hyd. Sta. No. 82 - 857891*

*NGR: NO (37) 640413*

*alt 18 m.*

Rainfall at Arbroath - Lat.  $56^{\circ}34'N$   
 Lon.  $2^{\circ}35'W$

S. y. -  
 Forfar.

Authority Mrs. return

Observer - Alex. Brown Esq.

Diam. thin Rain gauge 2 feet above the ground - 65 ft above sea & 1/2 a mile from it.  
 S. No. - 3.

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --	2.71	3.90	4.91	3.32	2.57	1.40	3.03	2.01	1.92	1.22	2.599
February --	2.21	.93	1.45	2.77	.85	1.40	2.70	1.12	1.04	1.34	1.597
March ---	.33	4.25	.60	1.00	.83	3.07	.12	2.70	1.20	2.58	1.676
April ---	1.76	2.53	.32	1.05	.22	.59	3.09	3.27	1.20	2.15	1.626
May ----	2.40	.50	1.40	.99	2.85	1.63	2.91	2.13	2.09	.28	1.718
June ----	1.38	2.13	2.60	2.02	2.72	1.61	3.20	2.67	1.51	2.70	2.254
July ----	1.50	2.58	1.70	2.47	1.56	1.58	2.12	.96	3.07	2.43	1.997
August --	2.89	2.60	1.82	3.03	1.46	3.73	3.70	1.63	2.27	1.42	2.463
September -	1.99	1.02	1.38	1.48	1.05	.45	5.43	2.57	2.02	1.73	1.912
October --	1.65	1.34	3.17	4.87	1.99	1.95	1.54	1.28	2.67	4.10	2.456
November -	2.60	1.12	4.64	2.78	3.38	1.20	2.02	2.40	1.87	3.22	2.531
December -	1.38	.50	5.43	1.82	1.34	2.25	2.25	1.01	4.31	2.21	2.250
TOTALS -	22.80	23.40	29.42	27.60	20.82	21.02	32.27	28.75	24.33	25.38	25.079

1853 & 4 from Edin: Philos. Journal July 1853

1854 - 9 Edin & New Philos. Journal

6 from Scot. Met. Soc.

7 Phil. Journal Scot. Met. Soc. have not raised the decimals properly

1850 state 2ft above ground & 1/2 mile from sea  
 50 Scot. Met. Soc. = 23.69

Hyd. Sta. No. 82 - 857891

N.R. No (37) 640403

alt. 18m.

Arbroath, Keptie Road  
Forfar

60

64.63

75.57

Alex<sup>r</sup> Brown

Sea 7<sup>1</sup>/<sub>2</sub> + Ground 2 feet + Sea Level 65 feet  
S. Int-3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.41	1.75	3.32	2.71	1.83	2.00	2.57	5.51	3.63	4.05	3.086
February - -	1.05	1.72	1.91	.54	2.95	2.92	2.01	1.16	1.85	1.06	1.797
March - - -	1.96	1.93	3.20	.81	3.01	1.33	2.38	1.96	1.92	1.04	1.954
April - - -	.70	1.35	1.40	1.32	1.28	1.01	1.28	2.48	2.69	1.57	1.576
May - - - -	1.10	1.25	4.02	1.50	1.59	2.26	1.57	3.51	1.97	1.76	2.069
June - - - -	4.75	2.53	2.04	2.51	2.11	.44	1.03	1.37	.44	2.53	2.055
July - - - -	1.87	2.56	3.56	1.22	2.52	3.54	2.20	4.69	.30	.01	2.327
August - - -	2.96	4.74	2.64	3.87	.81	4.30	2.15	2.78	5.26	.95	3.054
September -	1.04	4.23	2.00	3.69	3.66	.49	3.01	1.75	4.68	5.13	2.968
October - - -	2.51	1.98	3.02	2.51	8.00	4.11	2.03	2.05	2.33	2.07	3.141
November -	4.33	3.51	.94	2.17	2.90	3.47	1.98	.40	1.34	.55	2.167
December -	4.64	2.11	2.48	1.80	3.54	1.05	2.97	1.14	7.22	1.41	2.916
TOTALS -	30.48	29.66	31.33	24.73	34.20	27.00	25.98	28.88	33.63	23.73	29.050

1864 - Oct 22 - 2's In 30 hours 3.46 in!

Hyd Sta. No: 82-857891  
NGR: NO(37) 640413  
alt: 18m



RAINFALL AT Outbroath, Kiptic Road

Lat.....

Lon.....

County of.....

ForfarRain Gauge, by..... Observer A Brown Esq 119.

S. In - 3.

Diameter .....	.8	.	.	.	.	.	.	.	.	.	.	.
Height .....	2	.	.	.	.	.	.	.	.	.	.	.
Altitude .....	60	.	60	↑	.	.	.	.	.	.	.	.
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.60	1.10	3.63	3.18	2.22	3.92	1.27	3.88	1.77	1.92	2.449	
February .....	2.36	3.00	3.60	.89	1.10	1.30	3.07	1.62	1.26	3.40	2.160	
March .....	.60	.69	2.52	1.81	1.02	1.77	2.19	2.15	.80	2.62	1.625	
April .....	.39	5.51	1.98	.24	.81	.66	3.37	2.64	1.41	2.11	2.160	
May .....	1.20	.72	3.08	2.23	2.43	.84	3.8	2.60	1.88	2.44	1.774	
June .....	1.83	1.42	4.37	1.37	.64	3.40	2.59	3.34	2.87	4.26	1.625	
July .....	1.11	3.21	1.72	4.70	1.70	2.43	1.19	3.89	.73	5.67	2.609	
August .....	1.70	1.48	2.11	2.66	4.97	1.56	2.50	7.44	4.78	4.15	1.912	
September.....	2.14	2.49	4.61	4.65	2.10	3.41	4.05	2.00	3.34	1.91	2.635	
October.....	3.59	2.78	3.34	2.79	1.99	4.17	3.40	3.85	2.06	.70	2.867	
November.....	2.10	2.90	4.63	2.39	2.19	4.84	4.88	3.10	2.26	1.96	3.335	
December.....	3.62	1.39	3.45	1.84	1.75	1.81	8.98	2.75	2.49	.94	3.153	
TOTALS .....	22.40	26.69	38.98	28.95	22.92	30.71	37.87	39.26	25.65	32.08	30.491	

1877 Wooden railing 4ft high & 3ft distant & a stone  
dyke 5ft high & 12ft distant

Lynx Sta. No: 82-857891

N.R. NO (37) 640403

alt: 18m

# RAINFALL AT Arbroath, Keptie Road

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Fife

Rain Gauge, by \_\_\_\_\_

Observer A. Brown, Esq., L.L.D.

S. No. - 3.

Diameter ....	8										
Height .....	2.0										
Altitude ....	60 T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.96	.93	1.14	2.67	3.06	1.59	2.76	2.63			
February ....	2.25	3.87	1.51	2.89	1.75	2.72	1.50	1.06			
March .....	2.11	2.62	1.66	1.97	2.88	2.11	2.73	1.69			
April .....	2.67	.78	2.73	1.61	1.49	2.65	1.09	1.60			
May .....	.80	1.67	2.21	1.35	1.65	2.98	2.63	1.33			
June .....	1.53	1.96	3.24	2.08	.37	.85	1.15	.72			
July .....	3.53	3.05	3.54	4.24	4.90	.79	3.69	1.68			
August .....	.59	3.94	1.30	2.94	1.55	1.52	1.29	2.55			
September....	3.34	3.06	1.69	1.74	1.68	3.53	2.23	2.89			
October .....	2.24	3.44	3.06	1.56	1.43	1.52	3.28	.91			
November....	2.71	3.27	3.42	1.69	1.47	1.77	2.26	2.55			
December ....	1.66	2.00	4.77	1.37	2.64	1.14	2.37	1.64			
TOTALS ....	24.41	30.59	30.27	26.11	24.87	23.17	26.98	21.25			

Spec. Sta. No. 82-857891

N&R: NO(37) 640413

alt: 18m