

# RAINFALL at Drewood, Slade Heath Pumping Station

County of Staffordshire Observer F. J. Dixon Esq. C.E.

River Basin Trent R. B. Tributaries 3.

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

Diameter ...											5	
Height .....											1 0	
Altitude.....											340	
Year .....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January.....											2.53	
February ...											1.95	
March .....											3.79	
April .....											1.73	
May .....											.93	
June .....											1.67	
July .....											3.14	
August .....											2.30	
September...											1.98	
October .....											3.37	
November...											1.85	
December ...											3.53	
TOTALS ...											28.77	

*Spoil Heap 6 ft high 60 ft n.  
 Railway Embankment 14 ft 6 in 90 - E*

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	52° 39' 45"	2° 7' 13"	Four Ashes	1480 yds	n.	Shareshill	2830 yds	E.S.E.

RAINFALL at *Blisswood (Hole Heath Pumping Station)*County of *3 - Inverclyde*Observer *F. J. Dixon, Esq. F.R.S.*River Basin *Staffs.**S. Staffs. W.W.**Inverclyde* Rain Gauge, by

Diameter ...	5"										
Height .....	10										
Altitude ...	340										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...	2.82	1.97	3.03	1.73	2.82	1.82	2.65	2.16	4.44	1.65	4.81
February ...	1.27	.23	2.40	4.83	.51	3.07	1.92	1.79	2.48	.41	.59
March .....	1.94	1.27	1.77	1.27	.93	1.09	.82	2.58	1.77	.18	3.18
April .....	4.24	1.21	1.87	2.36	2.72	1.53	1.57	1.57	1.31	.57	2.04
May .....	2.54	1.48	1.33	2.39	3.92	3.15	2.77	2.04	.41	1.79	2.33
June .....	3.15	.48	.60	.38	2.84	.24	1.11	4.52	2.09	1.47	1.20
July .....	3.55	.58	4.44	5.48	3.11	3.14	1.92	4.25	.98	2.68	5.66
August .....	1.03	3.80	4.09	2.21	3.81	2.52	1.85	4.45	2.72	2.19	2.98
September...	2.14	1.10	2.08	2.48	3.14	3.95	.95	3.85	.69	.62	3.11
October .....	2.76	2.03	.56	3.52	3.31	3.55	2.13	1.80	4.00	3.85	2.72
November...	.77	1.61	1.01	2.06	1.55	1.65	4.94	3.69	3.67	5.98	3.21
December...	2.36	1.86	3.25	3.36	2.64	2.31	.54	1.89	1.86	4.69	2.84
TOTALS...	28.57 P	17.62 D	26.43 D	32.07 P	31.30 P	28.02 D	23.17 D	34.69 D	27.42 D	26.08 D	34.67 D

1920 Spoil heap 6 ft. 0 in. 60 ft. 0 in. off. N.  
 Railway embankment 14 ft. 6 in. 90 ft. 0 in. " E.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	52° 39' 40" N.	1° 13' 13" W.	Foot okeo	1480 yds.	N.	Shapeshill	2850 yds.	E. & S.

RAINFALL at Brewood (Slade Heath P.S.)County of StaffordshireObserver F. J. Dixon Esq. C.E.River Basin Trent - Right Bank, tribs 3Type of Gauge LondonAnnual Average 24.9 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

23754/26.

Diameter	5										
Height	10										
Altitude	340										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.74	2.10	1.74	2.30	.90	3.21	3.08	2.83	5.53	3.00	
February	2.44	.23	3.41	.30	2.33	2.25	3.76	.68	1.04	2.23	
March	.10	1.74	2.54	2.37	.61	1.41	2.77	.51	1.33	1.94	
April	4.05	3.01	0.68	1.72	3.13	1.90	2.30	.20	1.73	3.79	
May	4.06	5.69	1.71	.89	.74	.70	2.35	1.64	1.92	2.79	
June	4.43	.56	3.16	.88	3.11	3.81	.86	2.10	1.35	.77	
July	3.31	3.66	2.00	.74	.48	5.45	3.08	3.09	5.00	2.61	
August	5.55	2.44	0.94	2.15	2.23	.55	2.42	4.19	2.86	.28	
September	2.53	2.22	0.77	1.92	3.26	3.47	2.75	1.84	.95	.80	
October	1.02	4.87	4.92	1.93	3.97	1.91	2.17	2.25	4.18	3.42	
November	3.18	1.86	0.80	2.02	5.31	2.61	1.41	3.15	4.34	6.68	
December	.83	.84	0.44	4.32	2.87	2.48	2.54	3.22	1.86	2.07	
TOTALS	33.24	29.22	23.11	21.54	28.94	29.75	29.49	25.80	32.09	31.38	

1931. Railway embankment 4'6" high 90' E.

Position of Station on reduced Ordnance Survey Map, }  
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Four Aches	1450 yds	N.	Sharskill	2850 yds	E.S.E.



Station No. *T.F. 2338*RAINFALL at *Brewood (Slade Heath PS)* ✓

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County of *Staffordshire*Observer *F. J. Dixon Esq. I.C.E.*River Basin *Leek - Right Bank - 3**R.A. Robertson Esq. C.F. (1744)*Type of Gauge *Snowdon*Annual Average *24.9* in. based on *7* years obs. ~~un~~weighted. Period of average *1881-1915* Ref. *S*File No. *226645 / 33*

Diameter	5"				091	403						
Height	10"					1						
Altitude	340'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.80	3.26	4.88	2.67	2.30	1.80	2.38	4.78	1.53	.64		
February	2.54	1.08	1.14	2.10	1.98	2.77	1.85	1.34	.78	4.31		
March	2.86	1.68	.86	.53	1.03	.75	5.35	1.05	2.02	.82		
April	1.53	1.00	.93	1.80	1.50	1.40	1.93	2.09	2.50	2.18		
May	3.34	3.54	2.97	.76	3.63	2.29	2.59	1.90	2.24	1.33		
June	.93	1.26	1.84	2.02	2.58	2.66	1.43	3.66	.33	1.18		
July	3.10	1.97	1.34	3.14	2.06	2.20	4.63	1.91	1.79	1.83		
August	3.95	1.48	2.00	2.14	1.99	5.72	1.23	6.42	1.30	3.06		
September	.88	1.28	3.22	3.02	1.19	3.43	1.17	2.31	.91	4.03		
October	2.40	2.80	1.71	3.06	3.56	.74	.56	2.28	4.74	1.06		
November	3.27	1.00	2.00	3.82	.32	4.65	2.28	1.77	2.94	4.54		
December	1.48	2.93	1.04	1.40	2.15	2.69	1.96	4.43	1.56	1.87		
TOTALS	29.78	23.28	23.93	26.46	24.29	31.10	27.36	33.94	22.64	26.90		
	D	D	D	D	D	D	D	D	D	D		

1941 Railway Embankment 14' 6" high 90'E.

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Four Ashes	1480 y	N.	Sharnsill	2850 y	E.S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2338

T.F. 15

RAINFALL at Brewood (Glade Heath P.S.)

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County of Staffordshire Observer R. D. Robertson Esq. C.E.River Basin Print - Right Bank - 3Type of Gauge SnowdonAnnual Average 25.4 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. 5" " 27.81 " " 37 " " within 1939-57 " " 1916-1950File No. 226645/33

Diameter ...	5"			<u>0.91</u>	<u>4.03</u>						
Height ...	1' 0"				<u>1</u>						
Altitude ...	340'				<u>51</u>						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<u>2.59</u>	<u>2.67</u>	<u>.89</u>	<u>1.23</u>	<u>2.11</u>	<u>3.19</u>	<u>1.55</u>	<u>1.46</u>	<u>2.82</u>	<u>5.40</u>	
February ...	<u>2.91</u>	<u>.49</u>	<u>1.62</u>	<u>2.04</u>	<u>1.96</u>	<u>.51</u>	<u>2.13</u>	<u>3.61</u>	<u>.33</u>	<u>2.13</u>	
March ...	<u>4.90</u>	<u>1.87</u>	<u>1.06</u>	<u>1.61</u>	<u>2.31</u>	<u>.92</u>	<u>1.83</u>	<u>1.13</u>	<u>2.16</u>	<u>1.81</u>	
April ...	<u>2.39</u>	<u>1.91</u>	<u>2.78</u>	<u>.54</u>	<u>1.43</u>	<u>1.37</u>	<u>.26</u>	<u>.65</u>	<u>3.25</u>	<u>1.30</u>	
May ...	<u>3.11</u>	<u>3.37</u>	<u>2.84</u>	<u>2.62</u>	<u>3.28</u>	<u>.63</u>	<u>1.30</u>	<u>1.72</u>	<u>1.05</u>	<u>1.58</u>	
June ...	<u>1.44</u>	<u>2.39</u>	<u>2.63</u>	<u>2.68</u>	<u>2.37</u>	<u>2.00</u>	<u>1.89</u>	<u>3.93</u>	<u>1.23</u>	<u>2.50</u>	
July ...	<u>1.28</u>	<u>1.49</u>	<u>2.24</u>	<u>2.90</u>	<u>.62</u>	<u>2.17</u>	<u>2.90</u>	<u>5.46</u>	<u>1.85</u>	<u>3.97</u>	
August ...	<u>4.39</u>	<u>2.70</u>	<u>2.50</u>	<u>4.39</u>	<u>.97</u>	<u>4.62</u>	<u>2.91</u>	<u>2.91</u>	<u>2.20</u>	<u>3.70</u>	
September ...	<u>3.31</u>	<u>1.60</u>	<u>2.04</u>	<u>2.08</u>	<u>2.19</u>	<u>2.56</u>	<u>3.76</u>	<u>3.44</u>	<u>.28</u>	<u>5.54</u>	
October ...	<u>.94</u>	<u>3.63</u>	<u>1.77</u>	<u>3.61</u>	<u>1.58</u>	<u>1.82</u>	<u>1.40</u>	<u>2.36</u>	<u>2.35</u>	<u>5.49</u>	
November ...	<u>6.19</u>	<u>2.21</u>	<u>1.58</u>	<u>5.01</u>	<u>2.41</u>	<u>.94</u>	<u>1.62</u>	<u>1.85</u>	<u>3.61</u>	<u>3.78</u>	
December ...	<u>2.33</u>	<u>3.65</u>	<u>1.28</u>	<u>2.41</u>	<u>1.45</u>	<u>2.39</u>	<u>1.27</u>	<u>2.75</u>	<u>3.78</u>	<u>3.32</u>	
TOTALS ...	<u>35.78</u>	<u>27.96</u>	<u>23.23</u>	<u>31.12</u>	<u>22.68</u>	<u>23.12</u>	<u>22.82</u>	<u>31.27</u>	<u>24.91</u>	<u>40.52</u>	
	<u>D</u>	<u>d</u>	<u>d</u>	<u>D</u>	<u>dnp</u>	<u>d</u>	<u>np</u>	<u>np</u>	<u>d</u>	<u>d</u>	

1954. Rly. Embankment. 14' 6" @ 90' W.

approx. 5 ft. falling off in 1954. See 2340

1955 NP. 605.

1956 Print. March adjusted Eng. 1103. agree. 1957. NP low

July. 1957 160K. 3 in red over the site until 1943 when moved to another ory. station  
 site. Moved to present site in May 1958. Rim of gauge was about 2' above ground and  
 1958 NP low. In present site affix tapes 15, 20' N. but otherwise good in the

Position of Station on Ordnance One-Inch map: No. of Map 119 National Grid Reference 57.917.021

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1954			Fair Askes	1480' N	Shoreshill	2850' E.S.E.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<u>21919</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	