

RAINFALL at HOUGHALL (COUNTY AGRICULTURAL SOCIETY)

County of DURHAM

Observer W.S. SHARP

River Basin WEAR 2.

County Education Committee

M.O Rain Gauge, by _____

Diameter ...							5			
Height							- 11			
Altitude ...							160			
Year 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930. M.B.A.G.										
January ...							2.75	1.40	2.83	1.76
February ...							1.95	0.85	1.39	1.10
March							1.67	1.92	1.90	2.65
April							3.33	1.19	1.67	1.09
May							2.55	2.12	1.76	1.91
June							10	3.36	3.42	4.73
July							2.34	3.42	4.01	1.56
August							3.26	2.64	7.08	2.72
September...							2.99	2.55	3.62	0.53
October.....							3.25	3.06	1.62	2.88
November...							2.92	4.27	2.40	2.41
December...							4.01	1.85	3.44	1.52
TOTALS...							IMP. 29.08	33.17	26.32	20.71
							0	0	0	0

1925 FENCE 3' high 3½ yds S. & 2½ yds W.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1926.	54° 45'	1° 35'	Shencliffe	1½ m.	E	Shencliffe	1¼ m.

RAINFALL at Durham (Houghall Hort. Sta.) M.W.R.

County of Durham

Observer County Education Com.

River Basin Wear - 2.

Durham County Council.

Type of Gauge

Diameter of Agent

264

Annual Average 27.2 in. based on 15 years obs. un-weighted. Period of average 1.881-1915 Ref. S
(revised 11.5.45.)

Diameter	5.											
Height	1.0.											
Altitude	160.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean- Torrado	
January	2.07	1.40	1.57	1.23	2.44	4.14	3.05	2.26	5.30	2.14	2560	
February	1.12	.96	1.26	1.47	3.32	3.70	3.76	1.11	.77	2.32	2178	
March	1.61	2.19	0.95	2.91	.58	2.30	3.86	.30	2.97	1.90	1957	
April	3.04	1.12	1.00	3.63	3.14	1.63	2.15	.05	1.14	1.55	1845	
May	2.65	3.97	1.93	1.32	.76	1.70	3.10	3.34	1.40	1.70	2187	
June	3.32	1.21	1.26	2.03	2.62	3.57	1.50	2.53	2.05	1.90	2258	
July	4.00	3.97	2.07	2.58	.26	2.98	2.93	2.35	3.08	5.42	2964	
August	1.99	2.41	0.98	3.17	1.74	1.88	1.31	1.50	4.54	.93	2045	
September	4.14	2.08	2.05	1.48	3.38	2.83	1.48	2.28	1.59	1.49	2480	
October	.98	3.98	3.24	3.23	3.92	1.43	1.70	3.29	5.84	3.20	3081	
November	2.33	.58	3.67	2.49	4.22	3.17	1.40	2.37	3.64	3.69	2746	
December	1.13	.96	2.03	4.22	1.90	1.84	6.15	4.37	1.31	2.19	2615	
TOTALS	28.38	24.83	24.89	28.76	30.28	31.22	32.39	25.75	34.23	28.43	28916	
	D.											

Inspection 2/6/33, see G.F.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

Station No.....

3538

RAINFALL at Durham (Houghall Hart. Sta.) M.W.R.

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County of DurhamObserver Director of Agric.River Basin Tees - 2

Type of Gauge

Annual Average 27.0 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. S. 21.48 A.W.S.
24.6
26.4 (recorded 11.5.45) File No. E6996/47

Diameter	<u>5'</u>	<u>024</u>	<u>513</u>								
Height	<u>10'</u>			<u>1</u>							
Altitude	<u>160'</u>			<u>41</u>							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	<u>4.38</u>	2.23	3.63	<u>.93</u>	4.43	1.54	2.03	<u>8.01</u>	.64	<u>1.73</u>	2955
February	<u>6.32</u>	2.20	.79	<u>2.37</u>	1.58	1.45	3.81	<u>1.88</u>	.62	<u>3.17</u>	2259
March	<u>2.66</u>	1.18	.63	<u>.44</u>	.41	1.22	3.91	<u>.85</u>	1.44	<u>.83</u>	13.54
April	<u>1.04</u>	.83	1.00	<u>2.21</u>	1.44	1.91	3.93	<u>1.69</u>	1.62	<u>1.47</u>	1694
May	<u>1.23</u>	1.61	2.43	<u>1.76</u>	3.24	2.28	2.09	<u>1.85</u>	.73	<u>1.79</u>	1871
June	<u>.71</u>	.94	1.22	<u>2.28</u>	2.10	1.43	2.09	<u>3.68</u>	1.26	<u>.73</u>	1644
July	<u>1.44</u>	3.01	1.55	<u>3.26</u>	1.50	3.19	2.17	<u>1.91</u>	1.79	<u>4.06</u>	2368
August	<u>2.45</u>	1.85	3.88	<u>1.49</u>	3.48	4.30	.34	<u>3.93</u>	1.70	<u>4.82</u>	2824
September	<u>.46</u>	2.57	3.35	<u>5.51</u>	1.97	4.01	1.50	<u>4.21</u>	.87	<u>4.26</u>	2871
October	<u>3.99</u>	2.39	1.74	<u>2.38</u>	3.66	1.63	.62	<u>1.69</u>	2.45	<u>.98</u>	2213
November	<u>3.43</u>	.70	2.32	<u>4.93</u>	.97	5.07	2.39	<u>1.57</u>	4.44	<u>5.83</u>	3168
December	<u>.26</u>	2.13	1.27	<u>1.53</u>	1.57	2.86	1.61	<u>2.65</u>	2.27	<u>3.25</u>	1930
TOTALS	<u>28.37</u>	21.64	23.81	<u>29.75</u>	26.35	29.89	26.49	<u>32.20</u>	19.77	<u>32.92</u>	27171

B6/50. Gage. H.B. Rowles. Gauge sound, no change in site where is satisfactory.
 Hedge 5' 15' away. Greenhouse 12' high 24' away to N & S.
 Gage could be moved 5' to E with advantage.

Position of Station on reduced Ordnance Survey Map, | No. of Map..... Reference No.....
 1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

Station No. 3538

RAINFALL at Durham (Broughall) H. & D. M.W.R.(77) 51
 County of Durham Observer Director of Agric.
 River Basin Tees - 2 The Principality
 Type of Gauge Spherical

Annual Average 27.86 in. based on 31 years obs. un-weighted. Period of average 1881-1915 Ref. AWS
 1916-1950 P File No. E 6996/10

Diameter ...	5"	024	513								
Height ...	1' 0"	11"		1							
Altitude ...	100'		51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.25	2.03	.57	2.41	2.05	3.49	1.79	1.87	2.42	4.43	22.31
February	2.94	.43	2.51	2.30	2.69	2.34	2.43	3.67	.60	2.51	22.42
March	3.60	1.37	.10	1.56	1.86	.58	1.04	2.37	.65	1.94	15.07
April	1.27	1.66	2.06	.46	.63	.90	.31	1.82	1.62	.80	11.53
May	4.32	1.13	1.46	4.68	1.65	.54	1.65	3.48	.52	2.04	21.47
June	1.03	1.28	2.74	1.47	2.35	3.61	1.40	2.97	2.50	.33	19.68
July	1.66	.61	2.51	1.49	.99	2.07	3.18	1.95	1.30	3.73	19.49
August	4.24	2.26	4.74	5.12	.77	7.52	3.04	2.66	.28	2.71	33.34
September	1.07	4.73	1.12	1.69	.93	2.01	3.23	2.07	.74	2.33	19.92
October	1.79	3.08	1.69	4.31	1.47	1.36	1.55	1.45	1.17	7.48	25.35
November	5.70	3.21	1.12	4.04	1.68	.67	1.49	.51	3.83	2.86	25.11
December	2.49	2.58	.77	2.33	2.76	2.07	1.64	3.50	3.60	1.92	23.66
TOTALS ...	31.36	24.37	21.39	31.86	19.83	27.16	22.75	28.32	19.23	33.08	259.35
	D	D	D	D	D	D	D	D	D	D	10

Map 17 Postleth 65-53. V. Satisfactory.
 1956: 1959 by R.W. Glayne Feb. 14: Gauge old but good. Satisfactorily exposed.
 1959: Anewly & now of station unmarked.

1960 New site from 1st Dec 1960

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NZ (45) 277405

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			Camp 1925 ✓ ✓ bnd 30.	bnd 36-37 ✓		