

RAINFALL at Hamstall Ridware (No. 1 Gauge)County of Staffordshire Observer F. J. Dixon Esq. C.E.River Basin Trent Left Bank Tribs. - 4Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref.

226645/33

Diameter	.....								5"			
Height	.....								1' 0"			
Altitude	.....								213'	214'		
Year	.....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	.....								2.79	5.12	3.06	
February	.....								.58	.91	2.27	
March	.....								.41	1.08	1.72	
April	.....								.16	1.71	2.29	
May	.....								1.47	1.94	1.41	
June	.....								1.62	.88	.72	
July	.....								3.01	3.97	3.48	
August	.....								2.63	2.78	.42	
September	.....								3.92	.67	.49	
October	.....								2.01	3.16	2.98	
November	.....								2.70	3.70	6.48	
December	.....								2.78	1.59	1.45	
TOTALS	.....								24.08	27.13	26.77	

3% Recorder House 14' high 58 ft S.

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	Direction from gauge
1938			Armitage L.N. S.	2 1/2 mi.	S.W.	Hamstall Ridware	400 yds	25° N. of W.

RAINFALL at Hamstall Ridware (No. 2 Gauge)County of Staffordshire Observer F.J. Dixon Esq. C.E.River Basin Trent & Great Ouse - H.Type of Gauge Mo.Annual Average 22.85 in. based on 45/33 years obs. un-weighted. Period of average Ref.

Diameter								5"			
Height								1' 0"			
Altitude								240'			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January								2.90	5.28	3.35	
February								.71	.90	2.35	
March								.51	1.12	2.03	
April								.16	1.84	2.44	
May								1.46	1.59	1.49	
June								1.82	1.00	.73	
July								3.29	4.15	3.73	
August								2.63	3.04	.47	
September								3.85	.69	.53	
October								2.13	3.28	3.05	
November								2.89	3.82	6.68	
December								2.85	1.68	1.55	
TOTALS								25.20	28.39	28.40	

Hedge 3' 6" high 34' S.W.

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	Direction from gauge
1938.			Armitage L.N.S.	2 1/2 mls	S.W.	Hamstall Ridware	200 yds	6° of E

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 2358/5RAINFALL at Hamstall Ridware (No. 1 Gauge)

41

County of StaffordshireObserver F. J. Dixon Esq. C.E.River Basin West L. Bank 4B. A. Robertson Esq. C.E. (17.44)Type of Gauge to 0.Annual Average 24.3 in. based on 19 years obs. ~~un~~ weighted. Period of average 1881 - 1915 Ref. T.W.S.File No. 226645/33

Diameter	5"				09.3709							
Height	1'0"				1							
Altitude	214'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.32	2.95	4.10	2.57	1.71	2.15	1.77	4.75	1.20	.76		
February	1.67	.93	.93	1.58	2.17	3.72	1.10	1.27	.49	4.15		
March	2.52	1.93	.83	.16	.85	.72	5.14	1.02	1.46	.82		
April	1.18	1.13	.93	2.32	1.38	1.04	1.80	2.16	2.28	2.02		
May	2.35	2.30	2.76	.65	3.70	2.05	2.74	1.68	1.68	1.11		
June	.85	.09	2.32	2.12	2.26	2.84	1.45	3.33	.30	.85		
July	6.47	1.66	1.08	2.22	1.67	1.39	3.67	1.98	1.48	2.06		
August	3.66	2.70	2.20	1.95	1.82	4.89	.64	4.27	1.16	2.35		
September	.29	1.20	2.39	2.33	1.80	3.47	1.66	2.25	1.18	3.36		
October	2.86	2.22	1.74	2.66	3.65	.91	.43	2.44	4.26	1.00		
November	2.74	1.31	1.43	3.88	.26	4.78	2.14	1.15	2.70	3.34		
December	1.26	2.51	.83	1.51	1.60	2.47	1.95	3.68	1.88	1.73		
TOTALS	28.37 D	21.53 D	21.54 D	23.96 D	22.87 D	30.43 D	24.49 D	29.98 D	20.07 D	23.55 D		

1941 Recorder House 14' high 58' 6".

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			Armitage L.M.S.	2 1/2 m.	S.W.	Hamstall Ridware.	400 y.	25° N. of W.

BRITISH RAINFALL ORGANIZATION

Station No. T.F. 2358/6RAINFALL at Hamstall Ridware (No 2 Gauge) 41County of Staffordshire Observer F. J. Dixon Esq. C.E.River Basin Trent Left Bank - A P. A. Robertson Esq. C.E. (17.44)Type of Gauge M.O.Annual Average 25.4 in. based on 14 years obs. ~~un~~ weighted. Period of average 1881 - 1915 Ref. J.W.S.File No. 226645/33

Diameter	5"			093	644						
Height	1'0"				1						
Altitude	240'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.59	3.13	4.17	2.71	1.83	2.18	1.87	4.63	1.23	.84	
February	1.93	1.01	1.00	1.72	2.21	3.78	1.22	1.36	.52	4.29	
March	2.60	2.01	.87	.18	.85	.74	5.24	1.02	1.50	.86	
April	1.23	1.18	1.00	2.49	1.43	1.09	1.79	1.87	2.34	2.26	
May	2.40	3.07	2.91	.62	3.83	2.11	2.85	1.70	1.65	1.18	
June	.86	.11	2.39	2.20	2.29	2.89	1.51	3.36	.33	.95	
July	6.50	1.74	1.42	2.37	1.80	1.45	3.68	1.94	1.51	2.16	
August	3.74	3.02	2.23	1.89	1.85	4.93	.68	4.30	1.23	2.45	
September	.31	1.30	2.42	2.48	1.89	3.56	1.72	2.88	1.15	3.46	
October	2.97	2.37	1.78	2.70	3.76	.95	.43	2.43	4.29	1.11	
November	2.84	1.37	1.56	4.02	.25	4.91	2.24	1.13	2.80	3.46	
December	1.39	2.74	.87	1.57	1.67	2.48	2.02	3.72	2.03	1.84	
TOTALS	29.36	23.05	22.62	24.95	23.66	31.07	25.25	29.64	20.58	24.86	
	D	D	D	D	D	D	D	D	D	D	

1941 Hedge 3'6" high 34' S.W.

255.04

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			Amritage L.M.S.	2 1/2 m.	S.W.	Hamstall Ridware.	200 y.	S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2358/5

T.F. 15

RAINFALL at Hamstall Ridware (No. 1 Gauge)

51

County of Staffordshire

Observer

R. P. Robertson Esq. C.E.River Basin Front Left Bank - 4

Type of Gauge

No. 111Annual Average 25.2 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. F.W.S.File No. 226645/33

Diameter ...	5"										
Height ...	11'0"										
Altitude ...	214'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.98	2.58	.78	.99	1.72	3.26	1.06	1.81	2.77	5.10	
February ...	2.36	.57	1.31	2.35	1.86	.57	1.78	3.52	.27	1.68	
March ...	3.82	1.75	1.07	2.04	2.35	1.10	1.53	1.35	1.64	1.59	
April ...	1.85	2.28	2.23	.39	1.15	.91	.20	.48	2.83	0.89	
May ...	3.19	2.31	1.76	2.11	3.29	.81	.70	1.68	1.02	1.33	
June ...	1.37	2.30	2.14	2.65	2.94	1.87	1.42	4.04	.88	2.72	
July ...	.76	1.29	2.47	2.87	.65	1.92	3.51	4.95	1.14	3.27	
August ...	4.44	1.64	3.42	4.17	.87	4.65	4.89	2.43	1.25	3.65	
September ...	2.00	1.12	1.88	1.83	1.00	2.10	4.89	2.27	.26	4.88	
October ...	.66	2.27	1.58	3.42	1.47	1.66	1.42	2.59	2.38	5.27	
November ...	5.05	1.30	1.64	5.32	2.23	.76	1.71	1.34	3.17	3.01	
December ...	2.05	2.92	1.08	2.84	1.47	2.93	1.10	2.88	2.96	2.88	
TOTALS ...	29.53	22.33	21.36	30.98	21.00	22.54	24.20	29.34	20.57	36.27	
	D	D	d	w	w	w	w	w	w	w	

1953 Daily readings discontinued 27/7/53. Weekly readings to be taken each Monday, and monthly readings on first day of each month.

1954. Recession No. 141 @ 5815

resp. III 1953 f.b.O.K. Trees 40', 45' WNW, 20', 30' N. River bank drops 4', 5' N. May be possible to form a better site downstream.

24.57. proposed by W.W. J. move to a new site. No date given.

Annual Average 25.61 in based on 19 years obs within 1938-57 1-11 in low obs Period of average 1916-1955

Rejected

Position of Station on Ordnance One-Inch map :

No. of Map 120National Grid Reference SK109192

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1954			Armitage	2 1/2 m SW	Hamstall Ridware	400 Y 28° N of W

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C1938	✓	✓

Station No. 2358/6 IF 15RAINFALL at Hamstead Roadware (No 2 Gauge) **51**County of Staffordshire Observer R. D. Robertson Esq. C.E.River Basin Great Olf Bank 4Type of Gauge No. 1Annual Average ^{25.4} ~~5.6~~ in. based on ¹⁴ ~~16~~ years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S." " 26.27 " " 19 " " 1938-57 " " 1916-1950 SFile No. 226645/33

Diameter ...	5"										
Height ...	1' 10"										
Altitude ...	240'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.06	2.76	.85	1.10	1.96	3.56	1.17	1.81	2.80	5.04	
February ...	2.44	.62	1.37	2.33	1.99	.57	2.01	3.82	.33	1.61	
March ...	3.90	1.69	1.13	1.94	2.44	1.24	1.85	1.42	1.74	14.3	
April ...	1.78	2.28	2.22	.41	1.21	1.20	.20	.51	2.72	1.05	
May ...	3.27	2.47	2.23	2.30	3.47	.93	.73	1.54	1.10	1.37	
June ...	1.48	2.37	2.30	3.04	3.19	1.98	1.48	4.07	.96	2.87	
July ...	.84	1.21	2.69	3.00	.58	1.98	3.59	5.48	1.36	3.78	
August ...	4.49	1.64	2.52	4.47	.92	4.46	5.29	2.41	1.17	4.22	
September ...	2.09	1.18	1.96	1.95	2.07	2.37	5.59	2.28	.23	4.73	
October ...	.71	3.09	1.65	3.77	1.68	1.69	1.47	2.88	2.10	5.02	
November ...	5.94	1.46	1.64	4.58	2.37	.66	1.97	1.42	3.46	3.14	
December ...	2.31	3.41	1.13	3.08	1.67	3.02	1.14	2.95	2.53	2.35	
TOTALS ...	31.31	24.18	21.69	31.97	23.75	23.65	26.49	30.59	21.50	37.81	
	D	D	d	w	W.	W.	W	W	W	W	

1953 Daily readings discontinued 27/7. Weekly readings to be taken each Monday, and monthly readings on first day of each month.
 1964. Height 2' 6" @ 34' SW
 Insp. Ill 1958 J.B.O.K. Satisfactory

Position of Station on Ordnance One-Inch map: No. of Map 120 National Grid Reference SK 103 193

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1954			Armitage	2 1/2 m SW.	Hamstead Roadware	200 y 60° S of E.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			1939 ✓	✓	✓