

# RAINFALL AT Wells, Woorkey Hole Paper Mills

Lat. ....

Long. ....

County of ...

N. Somersetshire

Rain Gauge, by ...

Observer ...

E. P. Foster Esq.

Woorkey Hole Paper Mills.

No - 2.

Diameter ..									5		
Height ...									1 4		
Altitude ..									230?		
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								1.57	2.23	1.89	
February ..								2.14	1.76	.86	
March ....								1.01	3.42	3.64	
April .....								5.70	2.87	3.62	
May .....								2.40	1.73	1.92	
June .....								3.23	.89	2.75	
July .....								3.92	3.31	3.77	
August ....								4.37	4.06	2.92	
September ..								.87	3.86	3.81	
October ....								5.19	1.70	6.41	
November ..								3.46	1.44	1.16	
December ..								5.76	2.53	5.10	
TOTALS ..								39.63	29.80	37.85	

1907 Woorkey Hole Crouch 1 1/2 miles S

" Station 20 3/4 S + SW

Bowl deep 50 ft high 50 yards N

1909 Corrected for wrong day.

RAINFALL at Wells Woakey Hole Paper MillsCounty of SomersetObserver Mrs. Hodgkinson 260  
Guy A. HodgkinsonRiver Basin Geo. A. & B. 2Rain Gauge, by N.B.

Diameter ...	5											
Height .....	1.4											
Altitude ...	180											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.49	1.18	4.32	5.30	1.40	3.73	1.93	1.27	3.43	5.24	1187	
February ...	5.00	2.84	2.94	1.06	3.45	4.95	3.43	1.24	1.92	2.69	938	
March .....	.73	2.73	6.88	3.20	6.74	1.48	4.08	3.16	1.47	5.55	1426	
April .....	2.24	2.61	.16	2.85	1.77	1.61	1.90	2.31	2.86	2.61	968	
May .....	2.24	1.00	2.14	3.26	1.93	2.38	1.41	2.03	1.78	.58	577	
June .....	6.53	2.62	3.88	1.69	1.71	.81	2.65	5.14	1.25	.85	989	
July .....	2.68	.00	3.35	.96	4.31	4.78	1.43	2.91	5.06	2.52	1192	
August .....	6.24	1.57	9.30	.79	4.11	3.10	5.00	8.21	3.15	3.10	1946	
September ..	.15	1.26	.69	3.31	1.98	2.40	2.83	2.51	6.87	1.56	1377	
October ...	5.80	3.87	4.75	2.76	2.68	4.22	6.56	5.96	2.16	2.52	1720	
November ..	5.65	4.05	2.20	3.32	3.94	2.12	3.54	1.32	2.15	2.67	968	
December ...	5.37	7.89	6.03	2.64	6.33	6.74	4.47	.44	4.40	7.01	1632	
TOTALS ...	46.12	31.62	46.64	31.24	40.35	38.32	39.23	36.60	36.50	36.87	14920	
	2	2	2							d. imp.		

1910. Corrected for wrong day  
 recorded 28 ft high 70 ft N.  
 1919. Front of Mill 200 ft high 25 yds N.

+ Imp. Oct. 20. Sept. 1912. Gauge not examined very closely but obviously  
 very old. Slightly sheltered by one tree but  
 exposure otherwise very satisfactory.



Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Woakey	1/2	SW	St. Andrew's Woakey Hole	2 Miles	S
1919.				3/4 Mile	SW		1/4 mi	S.

RAINFALL at Wells (Wokeley Hole Paper Mills)County of SomersetshireObserver W. L. Balgobson & Co. Ltd.River Basin 2 - Geo. etc.Howard Rain Gauge, by Neg.

Diameter ...	5											
Height .....	1.4		2.0									
Altitude ...	180	200										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means.	
January ...	4.35	3.95	3.74	2.13	4.70	2.93	4.40	3.90	5.62	1.69	4.77	4218
February ...	1.35	.37	3.69	6.91	.71	4.74	2.39	3.75	3.21	1.39	.67	2918
March .....	2.50	2.23	2.38	1.42	1.16	.54	.79	3.78	2.72	.34	2.10	1996
April .....	5.12	(1.20)	3.37	2.21	3.25	2.53	2.67	1.84	1.61	1.02	2.75	2757
May .....	2.37	(2.40)	1.00	1.41	4.90	3.65	2.64	1.71	1.31	2.36	1.96	2571
June .....	4.09	(.60)	1.47	.60	3.25	.00	3.32	3.84	2.40	1.89	.69	2215
July .....	6.77	.50	4.19	1.89	4.69	4.23	4.20	3.80	1.10	2.13	2.88	3638
August .....	1.86	1.61	4.63	4.17	6.74	4.76	3.00	4.70	5.60	4.33	4.92	4632
September...	1.50	2.00	2.93	2.63	3.48	4.52	1.93	6.93	1.21	.50	3.67	3130
October .....	2.40	1.23	1.89	5.90	5.91	3.58	4.57	3.13	6.59	6.19	3.62	4501
November...	1.57	2.92	1.68	2.87	3.58	2.90	7.24	4.32	2.71	8.52	5.26	4357
December...	2.67	2.22	3.82	3.49	3.71	3.49	.74	3.13	3.53	6.88	4.40	3803
TOTALS...	36.55	(21.23)	34.79	35.63	46.08	37.87	37.89	44.83	37.61	37.19	37.69	40736
	mp. 2.	2	2 imp	2	2	2	2	2	2	2	2	

1921. April to June catch from surrounding stations.  
Front of mill 30 ft high 20 yds N.

2020

Position of Station on reduced Ordnance Survey Map, 2 miles 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
1920.			Wokeley.	2 1/4 m.	S.	Wokeley Hole	500 yds.	S.



## RAINFALL at Wells (Wookey Hole Paper Mills.)

County of SomersetshireObserver W. S. Hodgkinson & Co. Ltd.River Basin Yes Axe & Brue - 2.

Type of Gauge.....

Annual Average 25.1 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref 5

Diameter	5.										
Height	1.0.			2.1							
Altitude	200.			174							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.25	2.89	3.41	2.60	.77	3.84	4.78	3.36	5.82	2.39	32.11
February	3.69	.10	4.77	.38	3.40	2.27	6.09	1.32	1.75	2.59	26.36
March	.83	1.98	3.28	2.50	1.04	3.47	3.92	.34	1.56	3.12	22.04
April	2.68	2.91	1.85	1.92	5.03	2.71	2.71	.22	3.68	2.76	26.47
May	4.52	5.72	1.79	1.28	1.06	1.10	2.66	2.12	.91	3.76	24.92
June	3.11	1.40	1.80	1.34	4.34	2.15	1.29	1.59	2.90	1.05	20.97
July	4.59	5.40	2.59	1.31	.43	7.41	4.46	3.60	3.98	3.88	37.65
August	4.73	1.70	1.92	4.25	1.83	.76	1.18	3.10	4.08	.18	23.73
September	2.42	5.46	2.25	3.09	5.15	3.46	2.50	2.02	1.10	2.34	29.79
October	1.25	7.08	3.17	3.58	4.47	3.12	3.97	5.78	3.72	3.68	39.82
November	3.93	3.03	0.92	1.32	7.35	2.66	2.73	5.49	7.96	8.63	45.02
December	1.08	1.62	0.96	7.73	4.35	2.59	2.63	4.81	2.48	2.90	31.15
TOTALS	35.08	39.29	28.71	31.30	39.22	36.54	38.42	33.75	39.94	37.28	360.03
	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	

Mill 30' high 30 yds N.  
 1934 Mill 50' " 50 yds N.  
 1940 Front of Mill 30' high 5 yds S.  
 1940 Front of Mill 30' " 10 yds N.

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			Wookey	$\frac{3}{4}$ m.	S.	Wookey Hole	30 yds	S.

Station No. 2020

RAINFALL at Wille (Woakey Hole Paper Mills)

41

County of Somerset

Observer W.S. Hodgkinson &amp; Co Ltd

River Basin Yealobrook - Bore - 2

Type of Gauge Howard

Annual Average 35.1 in. based on 19 years obs. un-weighted. Period of average 1881/1915 Ref S

File No. E.7767/48

Diameter	5"					407	241				
Height	2' 1"	1' 4"									
Altitude	174'			140'		76'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.50	4.13	6.34	2.80	2.19	2.48	2.40	5.73	1.02	1.54	3.113
February	4.04	.66	1.29	1.39	2.78	2.89	3.00	1.05	1.96	5.84	2.490
March	4.70	2.14	.96	.33	1.11	1.06	6.53	1.39	1.95	1.13	2.130
April	1.64	.86	1.18	2.40	.52	2.26	2.69	1.91	1.37	2.97	1.780
May	1.32	5.14	2.34	1.53	4.31	5.31	2.95	3.90	5.17	1.53	3.350
June	1.27	.22	2.09	3.11	3.79	4.00	2.18	2.81	.44	3.03	2.294
July	2.46	2.87	2.70	3.25	1.97	1.24	2.61	1.52	1.32	4.11	2.405
August	7.23	5.20	4.10	2.27	2.56	4.37	.99	2.18	2.11	7.70	3.971
September	.79	2.13	2.92	2.74	2.51	4.97	2.14	1.74	1.47	5.54	2.695
October	1.66	2.96	3.26	5.60	4.44	1.06	.84	3.65	6.25	1.49	3.121
November	2.59	1.59	2.39	6.27	.37	5.31	2.25	2.35	4.39	6.50	3.401
December	2.10	3.76	2.22	3.51	5.53	3.53	3.36	4.74	2.80	2.34	3.389
TOTALS	33.30	31.66	31.79	35.20	32.08	38.48	31.94	33.97	30.25	42.72	34.139
	d	d	d	d	d	d	n.p. and	d	d	d	

1942. Trimmed hedge 4' 6" high 2' N. Building 45' high 6 yds N.

1944. Trimmed hedge 4' high 6' N.

1947 n.p. incomplete.

Completed and been Rained

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

No. of Map

Reference No. 21-532477

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
			Woakey	1 mile	S.	Woakey Hole	150 yds	S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2020
**RAINFALL** at Wells (Wooley Hole Paper Mills)

51

County of Somerset Observer W.S. Hodgkinson, Co. Asst.,

River Basin Yes - Area - 2

Type of Gauge Howard

Annual Average 35.1 in. based on 19 years obs. unweighted. Period of average 1881-1915 Ref. S  
35.94 " " 35 " " 1916-1950 1916-1950  
File No. 2767/48 P

Diameter ...	5"					40	24				
Height ...	1' 6"										
Altitude ...	110'?	170'									
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.44	2.93	.72	(2.68)							
February ...	3.80	1.47	2.15	3.60							
March ...	3.31	3.82	.93	3.21							
April ...	4.31	1.70	2.61	.65							
May ...	2.86	3.35	1.86	2.72							
June ...	.92	4.06	2.30	3.99							
July ...	1.93	.85	4.05	4.31							
August ...	5.41	4.22	5.37	(4.23)							
September ...	2.85	3.72	3.34	4.49							
October ...	3.28	4.72	3.07	4.17							
November ...	4.92	4.79	1.44	(7.41)							
December ...	2.43	3.12	.51	3.42							
TOTALS ...	39.46	38.75	28.35	(44.38)							
	d	d	d	dnp							

1951 Immers hedge w/hush at 6' N., Building 45' high at 18' N.

1954 n.p. too much estimation.

1955 Terminated.

40224

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 31-53247

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Wooley	1/2 m. S.	Wooley Hole	100 yds. S.E.

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
	✓ D10-12, 14 d. 19	✓ ✓	✓ ✓	41-46, 48-50 47 inc. ✓	