

## RAINFALL AT Wells, Wooley Hole Paper Mills

Lat. .... Lon. .... County of N. Somersetshire

Rain Gauge, by Observer E. P. Foster Esq.  
Geo - 2. Mif Bodkin & Sons' Paper Mills.

Diameter ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height ....									1 4		
Altitude ..									230?		
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
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 .....								3.90	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 ..								3963	29.80	37.85	

1907 Wooley Hole Church  $\frac{1}{2}$  miles S

Station 2021/2 S + SW

Boulders 50 ft high 50 yards N

1907 Corrected for wrong day.

## RAINFALL at Wells Wooley Hole Paper Mill

County of Somerset  
River Basin Yeo. Axet & Brue 2

Observer Mrs. Hodgkinson J.W.  
Guya Hodgkinson Esq.

Rain Gauge, by N.P.D.  
0

Diameter ...	5										
Height .....	1.4										
Altitude ...	180									200	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.49	1.18	4.32	5.30	1.40	3.78	1.93	1.27	3.43	5.24	1187
February ...	5.00	2.84	2.94	1.06	3.45	4.95	3.43	1.34	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	3.36	1.93	2.38	1.41	2.03	1.78	1.56	577
June .....	6.53	2.62	3.88	1.69	1.71	.81	2.65	5.14	1.25	.86	989
July .....	2.68	.00	3.25	.96	4.31	4.78	1.40	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	2.80	2.51	6.87	1.56	1377
October ...	5.80	3.87	4.76	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	38.50	36.87	14920 d. imp.

1910. Corrected for wrong day  
Building 23 ft high 70 ft N  
1919 Front of mill 200 ft high 257 ds N.



Gauge not examined very closely, but obviously  
very old. Slightly sheltered by one tree but  
otherwise otherwise satisfactory.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Wooley	3/4 mile	S.W.	St. Peter's, Magdalene, Wooley Hole	2 miles	S.
1919.							1/4 mi	S.

## RAINFALL at Wells (Wootton Hole Paper Mills)

County of Lancashire

Observer W. L. Hodgkinson &amp; Co. Ltd.

River Basin 2 - Yes, etc.

Howard Rain Gauge, by N.C.G.

Diameter ...	5												
Height .....	1.4		2.0										
Altitude ...	180		200										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.		
January ...	4.55	3.95	3.74	2.13	4.70	2.93	4.40	3.90	5.62	1.69	4.77		4218
February ...	1.85	.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...	2.6	2.22	3.82	3.49	3.71	3.49	.74	3.13	3.53	6.83	4.40		3803
TOTALS...	36.55	(21.23)	34.79	35.63	26.08	37.87	37.89	44.83	37.61	37.19	37.69		40736
	inches	d	d	inches	d	d	d	d	d	d	d		

1921. April to June cell from surrounding stations.

Front of mill 30 ft. high 20 yds N.

3826

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	Parish Church.	Distance from gauge	Direction
1920.			Wootton	3/4 m. S.		Wootton Hole	500 yds. S.	

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

County of Somersetshire

Observer W. S. Hodgkinson &amp; Co., Ltd.

River Basin Yeo, Axe &amp; Brue - 1

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	2.77	3.84	4.78	3.36	5.82	2.39	32.11	
February	3.69	1.10	4.77	3.38	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	1.43	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	2.80	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	7.70	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	38.92	33.75	39.94	37.28	360.03	HB
	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, } No. of Map..... Reference No.....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931			Wookey	2.4 m.	S.	Wookey Hole	300 yds	S.

Station No. 2020

41

## RAINFALL at Welle (Wooley Hole Paper Mills)

County of Somerset Observer W.S. Hodgkinson & Co Ltd  
 River Basin Yeo above Brue - 2  
 Type of Gauge Standard

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

File No. F 7767/48

Diameter	5"					407	241				
Height	2' 1"	1' 4"									
Altitude	174'		146'	*	70'						
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	3113
February	4.04	.66	1.29	1.39	2.78	2.89	3.00	1.05	1.96	5.84	2490
March	4.70	2.14	.96	.33	1.11	1.06	6.53	1.89	1.95	1.13	2130
April	1.64	.86	1.18	2.40	5.22	2.26	8.69	1.91	1.37	2.97	1780
May	1.32	5.14	2.34	1.53	4.31	5.31	8.95	3.90	5.17	1.53	3350
June	1.27	.22	2.09	3.11	3.79	4.00	8.18	2.81	.44	3.03	2294
July	2.46	2.87	2.70	3.25	1.97	1.24	2.61	1.52	1.32	4.11	2405
August	7.23	5.20	4.10	2.27	2.56	4.37	.99	3.18	2.11	7.70	3471
September	.79	2.13	2.92	2.74	2.51	4.97	2.14	1.74	1.47	5.54	2695
October	1.66	2.96	3.26	5.60	4.44	1.06	.84	3.65	6.25	1.49	3121
November	2.59	1.59	2.39	6.27	.37	5.31	2.25	2.35	4.39	6.50	3401
December	2.10	3.76	2.22	3.51	5.53	3.53	3.36	4.74	2.80	2.34	3389
TOTALS	33.30	31.66	31.79	35.20	32.08	38.48	(31.94) n.p. incomplete.	33.97	30.20	42.72	34139

1942. Trimmed hedge 4' 6" high, 2' N.; Building 45' high 6 yrs. N.

1944 Trimmed hedge 4' high 6' N.; " " "

1947 n.p. incomplete.

Completed and balanced

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map ..... Reference No. 31-532477

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

BRITISH RAINFALL ORGANIZATION

Station No. 2020

## RAINFALL at Wells (Wooley Hole Paper Mills)

51

County of Somerset

Observer W.S. Hodgkinson &amp; Co. Ltd.,

River Basin Yeo-Are &amp; Brue-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. 7767/48 P

Diameter ...	5"				407	241					
Height ...	1' 6"										
Altitude ...	1165'	?	170'								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.44	2.93	7.2	(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 ...	9.2	4.06	2.36	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	(7.44)							
December ...	2.43	3.12	.51	3.42							
TOTALS ...	39.46	38.75	28.35	(44.88)							
	d	d	d	dnp							

1951 Trimmed hedge which at 6' N., Building 45' high at 18' N.  
 1954 np too much estimation.  
 1955 Terminated

40224

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 34-532477

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Wooley	2 m. S.	Wooley Hole	100' 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 d19	✓ ✓	✓ ✓	41-46, 48-50 47 inc.	✓