

Pattington
w. Hull Hooks

W B Pugh

High Water 163
+ High Water 22 ft
+ Sea Level

Decm 10 in + ground 4.8.

YEAR - -							1846	1847	1848	1849	MEANS.
January - -								2.37	.53	1.65	
February - -								2.20	3.00	.65	
March - - -								1.14	2.58	.07	
April - - -							# 4.80	1.20	1.70	1.56	
May - - - -							1.26	4.84	.80	2.00	
June - - - -							2.45	2.60	3.50	2.50	
July - - - -								.20	3.92	2.32	
August - - -							2.17	.20	2.62	1.25	
September -							3.0	2.30	3.68	2.43	
October - - -							3.70		3.83	2.32	
November -								2.38	1.49	1.78	
December -							2.36	3.32	1.95	3.10	
TOTALS -								22.75	29.60	21.63	

C C C C

Patrington, Hull

50

W. B. Rugh Esq

Mp. Re. No. 95

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --	2.46	1.60	2.42	1.54	1.84	1.20	1.76	2.96	.40	.62	1.680
February --	.52	.52	1.32	3.12	.75	1.70	.75	.83	.18	1.02	1.071
March --	1.60	2.16	.48	1.82	.44	.51	.32	1.74	1.36	.98	1.141
April --	.88	1.43	.00	1.22	.44	.30	2.42	2.56	.46	3.08	1.281
May --	1.02	.71	.85	2.96	1.96	.75	4.26	.56	2.20	.68	1.595
June --	1.40	2.76	2.90	1.88	.94	1.19	1.62	.60	.54	1.90	1.573
July --	3.16	3.12	.56	2.28	1.12	3.38	1.76	2.24	3.02	1.10	2.174
August --	1.24	1.96	1.90	1.01	1.50	2.56	3.00	4.47	1.78	2.54	2.196
September --	2.52	1.54	5.90	1.27	.34	.22	2.81	1.88	1.70	2.20	2.038
October --	2.40	1.30	2.40	2.25	2.90	5.50	2.14	.73	2.26	1.90	2.376
November --	1.62	3.00	4.30	1.16	2.80	1.78	1.27	1.18	1.86	1.30	2.027
December --	.46	.95	1.40	2.20	2.40	2.24	1.96	.12	1.40	1.84	1.497
TOTALS --	19.28	21.05	24.43	22.71	17.43	21.33	24.07	19.87	17.16	19.16	20.649

W B Rugh Esq

RAINFALL AT *Patungton*

60

W W Anglin

Rain { By
Gauge { Diameter.....*5*.....in.

Height above Ground, ft. *3*... in.

Above Mean Sea Level, *22*... ft.

YEAR								1867	1868	1869	MEANS.
January								<i>2.89</i>	<i>1.43</i>	<i>2.27</i>	
February								<i>.86</i>	<i>1.21</i>	<i>1.61</i>	
March								<i>1.88</i>	<i>1.93</i>	<i>2.49</i>	
April								<i>2.44</i>	<i>1.91</i>	<i>1.61</i>	
May								<i>1.74</i>	<i>.34</i>	<i>5.62</i>	
June								<i>1.86</i>	<i>.70</i>	<i>1.07</i>	
July								<i>2.22</i>	<i>.65</i>	<i>3.7</i>	
August								<i>1.67</i>	<i>4.03</i>	<i>1.95</i>	
September ...								<i>2.42</i>	<i>1.97</i>	<i>2.71</i>	
October								<i>2.07</i>	<i>2.78</i>	<i>1.92</i>	
November ...								<i>1.28</i>	<i>1.11</i>	<i>2.02</i>	
December								<i>3.01</i>	<i>5.47</i>	<i>4.21</i>	
TOTALS								<i>24.34</i>	<i>23.53</i>	<i>27.85</i>	

C C C

Patrington, Hull

W. W. Pugh.

+ Ground 4 ft. 8 in.

+ Sea level 22 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.70	2.00	1.40	2.50	.58	.50	.60				
February - -	1.28	1.70	.50	.32	1.38	.74	1.26				
March - - -	1.92	1.22	2.46	1.12	1.48	.10	2.00				
April - - -	.68	.76	.64	1.18	.78	.10	.50				
May - - - -	2.74	.60	1.84	.46	1.18	1.94	.92	1.52			
June - - - -	3.54	1.64	1.74	1.68	.78	1.04	3.10	1.94			
July - - - -	3.50	3.30	1.36	1.72	.40	1.60	2.64	.66			
August - - -	3.20	.34	1.14	2.26	1.10	5.30	2.60	1.68			
September -	2.30	1.30	3.42	1.60	.90	.03	3.24	1.84			
October - - -	1.38	.66	1.70	2.20	1.18	2.24	2.00				
November -	2.70	3.80	1.26	2.40	1.40	1.44	2.20				
December -	2.56	1.30	1.26	1.40	1.00	.80	1.30	1.48	2		
TOTALS -	28.58	18.62	18.72	18.84	12.16	15.99	22.52	(7000)		2054.3	

[22.115]

RAINFALL AT Pattingham

Lat.....

Lon.....

County of Yorkshire E. R.

Rain Gauge, by.....

Observer

W. B. Pugh Esq.

Diameter	5											
Height	3											
Altitude	10											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.19	1.01	2.62	1.77	.99	1.91	1.61	2.52	2.45	1.09	1.716	
February.....	1.62	1.54	2.04	1.54	1.39	1.10	2.34	2.62	1.23	2.82	1.824	
March	1.83	.63	2.71	1.97	1.05	.64	2.47	2.57	1.12	1.05	1.604	
April .....	.67	3.00	2.47	.97	.83	.39	2.86	3.55	1.09	1.45	1.728	
May .....	.94	1.36	1.47	2.82	.96	1.31	1.05	1.35	2.74	3.06	1.706	
June.....	2.46	2.90	2.41	1.20	.75	2.55	1.74	1.41	2.58	3.79	2.179	
July	1.42	3.50	3.81	2.87	1.49	.03	2.20	2.50	.40	3.35	2.457	
August.....	1.42	1.44	2.77	2.67	2.38	.94	1.62	3.77	4.50	2.55	2.406	
September.....	1.22	4.37	2.95	2.66	1.71	2.31	3.18	3.88	2.50	2.61	2.739	
October.....	5.34	1.87	2.78	2.63	1.60	3.81	2.01	1.70	2.46	1.48	2.568	
November.....	1.97	1.73	3.88	1.19	2.83	5.12	3.79	1.73	5.13	1.85	2.922	
December.....	3.44	1.93	3.73	.84	2.51	.96	5.78	2.22	3.12	.72	2.475	
TOTALS	22.52	25.28	33.61	22.63	18.49	25.07	30.65	29.82	29.32	25.82	26.324	

RAINFALL AT *Patrington*

Lat.

Lon.

County of *York*

Rain Gauge, by

Observer *W. B. Pugh Esq.**Number - Life Br Libs. 3*

Diameter				5								
Height				3								
Altitude				46								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	21	64	174	186	241	160	251	142	91	116	144	✓
February	151	304	122	250	158	214	64	47	98	192	1600	✓
March	266	206	122	100	134	116	204	105	206	231	1690	✓
April	164	104	347	111	101	159	197	100	133	252	1668	✓
May	100	80	186	146	58	240	275	134	69	352	1640	✓
June	234	99	304	194	64	235	98	13	149	13	1403	✓
July	456	162	252	340	187	41	254	52	645	170	2559	✓
August	147	469	364	165	140	356	157	134	276	345	2553	✓
September....	504	328	165	386	121	306	109	187	88	131	2325	✓
October	533	244	526	311	150	554	240	355	85	386	3384	✓
November....	254	201	312	294	181	221	194	206	294	102	2259	✓
December	246	226	466	154	204	66	360	125	173	125	2145	✓
TOTALS	3076	2487	3340	2637	1739	2668	2403	1600	2307	2415	24672	

Patrington Church

N.E.

RAINFALL AT *Pabington Flax Works*

80

Lat. _____

Lon. _____

County of *York, E. P.*

Rain Gauge, by _____

Observer *N. B. Pugh, Esq.*

Gummer. left Bank Lib. 3.

Diameter	5										
Height	3										
Altitude	10 \uparrow										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	21	64	1.74								
February	1.51	3.04	1.22								
March	2.66	2.06	1.22								
April	1.64	1.04	3.47								
May	1.00	.80	1.80								
June	2.34	99	3.04								
July	4.56	1.62	2.52								
August	1.47	4.69	3.64								
September	5.04	3.28	1.55								
October	5.33	2.44	5.26								
November	2.54	2.01	3.12								
December	2.46	2.26	4.65								
TOTALS	30.76	24.87	33.40								

Gauge moved into the Village

RAINFALL AT Pattington

Lat. _____

Lon. _____

County of York E.R.

Rain Gauge, by _____

Observer W.B. Pugh EsqGumbar - Left Br. Libs 3

Diameter	8	5										
Height	30					26						
Altitude	46 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.03	1.63	.81	1.11	1.31	3.72	.73	2.03	.69	1.60	1.566	
February ....	.85	.10	1.70	2.37	2.10	.79	.82	2.81	1.13	1.32	1.299	
March	1.22	1.54	1.21	.41	.57	2.13	2.50	2.44	1.65	1.28	1.495	
April .....	.51	1.10	1.85	.40	1.17	.91	.70	1.25	2.27	1.82	1.178	
May	2.39	3.59	2.59	1.30	2.20	.90	.80	1.72	1.63	3.16	2.028	
June	2.32	1.54	3.84	1.19	3.85	2.68	1.72	1.52	1.85	2.08	2.259	
July	1.69	2.07	1.72	2.11	3.78	3.70	1.65	.25	.85	.77	1.859	
August	3.00	2.37	1.74	2.77	2.29	3.60	1.29	4.14	3.71	.33	2.524	
September....	.75	1.11	1.29	1.59	.71	.54	3.72	2.74	.15	2.14	1.474	
October	1.34	2.91	5.60	1.61	4.61	3.41	4.99	.97	2.65	2.33	3.042	
November....	3.68	2.44	.93	2.86	2.11	2.36	1.52	2.95	1.83	.89	2.157	
December ....	.94	2.91	.84	1.85	2.75	1.97	3.22	1.48	1.78	2.79	2.053	
TOTALS	20.72	23.31	24.12	19.57	27.45	26.71	22.66	24.30	20.19	20.51	22.054	

RAINFALL AT Pattingham

Lat.

Lon.

County of York E.R.

Rain Gauge, by

Observer W.B. Pugh Esq.Number, L. gauge - 3.

Diameter ..	5										
Height	2.6										
Altitude ..	46 π										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.53	.66	1.03	1.72	1.35	.40	2.40	.72	1.00	.64	1.245
February ..	3.02	1.90	1.26	.60	2.34	.90	1.76	1.71	2.18	1.29	1.696
March ....	.37	2.06	1.41	2.13	1.63	1.83	1.29	1.02	1.82	2.77	1.633
April .....	.81	1.53	1.36	2.21	.80	1.71	.59	1.42	2.62	1.58	1.463
May	1.25	.51	2.51	2.69	1.27	.86	1.21	2.93	1.06	1.67	1.596
June	2.22	1.54	1.64	2.15	.38	1.04	1.92	2.08	1.07	1.89	1.593
July	1.42	.91	2.04	2.97	2.23	1.12	.61	.80	2.38	3.50	1.798
August	2.66	2.34	2.95	4.30	3.88	2.68	2.01	1.88	1.66	5.66	3.002
September..	.52	1.31	.68	3.16	1.48	1.42	.69	.42	1.82	.99	1.249
October....	2.48	2.06	2.90	5.66	.50	2.54	4.44	3.84	1.29	2.82	2.853
November..	2.35	3.12	1.21	2.50	1.45	2.72	3.15	1.87	1.34	1.03	2.074
December ..	2.86	4.22	1.78	.81	2.09	.53	2.14	1.86	1.45	4.26	2.200
TOTALS ..	22.49	22.16	20.77	30.90	19.40	17.75	22.21	20.55	19.69	28.10	22.402 4.54

1906 Pattingham Church
Station

Hick

RAINFALL at SalisburyCounty of E. B. YorkshireObserver W. B. RughleyRiver Basin Humber Left Bank Tributaries 3

M. H. Kierman

Rain Gauge, by _____

Diameter ...	5											
Height	2.6											
Altitude ...	467											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.68	1.39	2.98	3.32	1.93	2.72	.64	2.39	1.04	3.06		743
February ...	1.91	.92	1.14	.61	.67	3.03	2.92	.87	1.11	2.31		721
March .....	.55	1.98	2.30	2.35	1.92	1.45	3.47	1.20	1.07	2.05		779
April	1.82	1.11	.11	1.83	.45	.34	1.55	1.36	1.56	2.19		666
May	1.55	.61	2.13	1.44	1.80	1.23	3.02	.82	1.62	.53		599
June	2.56	4.10	4.62	.58	1.14	.34	2.63	2.09	.20	.94		586
July	2.90	.68	2.46	.16	2.89	5.70	1.38	1.20	2.46	2.02		706
August	3.21	1.69	3.76	.80	1.45	1.32	1.42	5.10	2.99	2.47		1198
September ..	.30	2.59	2.10	1.66	.87	1.52	.89	.71	3.53	1.36		649
October ...	2.25	2.13	2.60	2.25	2.07	1.49	2.48	2.30	1.39	2.99		916
November ..	3.29	3.01	3.14	2.06	2.70	3.11	2.02	1.36	1.38	2.88		764
December ...	2.52	2.77	2.10	.88	4.73	4.96	2.83	1.37	3.23	2.93		1036
TOTALS ...	24.84	32.98	29.44	17.94	22.62	27.21	25.25	20.77	21.88	25.73	238.66	9363

S. practically worn out 3.20. new 8. ordered?

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at PattinghamCounty of E. B. YorkshireObserver Miss H. Thurman
Miss L.A. KermanRiver Basin Humber-Left Bank Tribs 35.00 } Snowdon Rain Gauge, by mo. 437.
4.99 }
5.00 }(287) Tapes Measure
Glass correct (23) (Flat Bottom)

Diameter ...	5"											
Height	2.6							1.2	1.0			
Altitude ...	46											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
											Mar.	
January ...	2.06	2.18	3.06	1.44	1.97	1.36	2.61	1.73	3.55	2.08	2.07	2411
February ...	1.55	1.8	2.47	3.41	1.05	2.43	1.38	1.48	1.54	.51	.83	1688
March	2.25	.92	1.79	1.89	.54	1.33	.39	1.41	2.08	.04	1.70	1434
April	3.54	.97	1.15	1.40	1.13	1.98	1.38	2.55	.82	.96	2.21	1869
May	2.58	2.10	.39	2.92	2.89	1.76	1.53	1.02	1.24	.89	1.34	1866
June	1.00	.25	.75	.63	1.19	.31	3.57	2.67	2.54	.75	1.33	1479
July	4.05	.74	4.56	2.28	2.63	1.48	1.90	2.89	.59	1.72	4.26	2690
August	2.04	2.39	1.92	2.36	2.84	1.14	1.99	5.59	3.76	2.30	2.32	2865
September...	1.49	.61	2.38	2.93	2.34	2.61	.69	3.29	.50	1.02	3.10	2076
October	1.10	1.07	1.31	1.33	3.53	1.96	3.17	1.45	3.31	2.41	1.63	2227
November...	.40	2.50	1.26	2.67	1.49	2.93	1.98	2.83	2.35	3.94	3.20	2555
December...	2.84	2.09	2.22	2.93	1.67	2.18	.70	2.78	1.41	3.96	1.64	2442
TOTALS...	24.90	16.00	23.26	26.19	23.27	21.47	21.20	29.69	23.09	20.58	25.63	25537
	D	D	D	D	D	D	D	D	D	D	D	✓

1920 New Gauge April 20th

* Inspected Capt. W.H. Hale 13. vi. 22. S. in garden, fairly open site but not over exposed.

ledge 4 ft. high 80 ft. W (8°)

ledge 20 ft. high 40 ft. E (27°)

1928 Inspected 14/4/28 by C.D. Stewart Lee Green Hills

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
			<u>Pattingham</u>	<u>1/2 mi.</u>	<u>N.W</u>	<u>Pattingham</u>	<u>1/4 mi.</u>	<u>E</u>

Hj... No 040445

31

RAINFALL at Patrington (Rose Cottage)County of East Riding Observer Miss S.A. Kirman (for M.O.)River Basin Humber Left Bank Tribs - 3

Type of Gauge

Annual Average 23.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B 41N

S/5095/28.

Diameter	5.										
Height	1.3.										
Altitude	46.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.60	.76	1.32	1.21	1.77	3.33	3.00	1.46	3.31	1.58	2.35
February	2.32	.67	2.81	1.09	2.85	2.61	2.21	.74	.63	2.06	1.799
March	.55	1.54	2.04	2.26	.68	.58	2.73	.17	1.72	1.45	1.372
April	3.03	2.48	1.06	1.61	2.12	1.62	3.26	.31	2.03	1.21	1.873
May	2.87	3.13	1.59	.51	.25	1.55	3.83	1.94	1.03	1.49	1.819
June	2.65	.27	0.85	.78	2.29	3.20	1.01	1.64	3.45	.68	1.682
July	4.66	3.09	1.12	1.11	.17	4.22	1.99	1.99	3.32	4.57	2.624
August	3.99	2.26	0.23	2.11	.86	1.88	.25	2.99	3.41	1.15	1.713
September	2.41	1.61	2.08	1.67	4.89	1.84	1.03	2.17	1.05	.69	1.944
October	1.63	2.89	4.29	1.41	3.23	1.45	2.18	2.66	5.23	3.65	2.852
November	1.88	1.49	2.68	2.11	3.76	2.37	2.78	2.06	3.78	4.21	2.712
December	1.34	1.00	0.59	3.69	2.26	1.35	4.65	3.84	2.48	2.01	2.321
TOTALS	29.83	21.19	20.66	19.56	25.13	26.00	28.92	21.97	31.44	24.75	24.925
	D	D	D	D	D	D	D	D	D	D	D

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

RAINFALL at Pattingham (Rose Cottage) (Station Road) Station No. M. 3391 41

County of East Riding Observer Miss S. A. Kirman (for M.O.)
 River Basin Humber - Left Bank Tribs - 3 A. J. Jones Esq.
 Type of Gauge H. DIXON, F.S.S. (1971)

Annual Average 23.3 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. B. of N.

File No. 8.15095/28

Diameter	5"										
Height	1' 3"										
Altitude	46'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.62	3.29	3.78	2.58	3.36	2.00	1.77	4.15	1.15	1.08	2578
February	2.36	1.15	.41	2.73	1.77	2.10	2.10	.93	.41	3.62	1758
March	3.02	.83	.35	.62	.80	.90	4.05	.47	.74	.49	1227
April	.81	1.17	.90	2.35	2.02	.90	1.09	1.61	2.02	2.35	1528
May	1.95	2.58	2.37	2.24	1.60	1.45	.42	1.46	1.27	2.55	1789
June	.38	1.58	1.69	2.30	1.67	1.68	2.18	3.35	.54	2.09	1806
July	3.02	1.72	.89	2.11	1.04	2.83	.74	1.28	2.75	2.75	1913
August	2.40	1.25	2.33	2.70	4.21	2.69	.23	2.49	1.40	2.18	2188
September	.74	1.89	3.48	5.36	.91	3.30	.75	1.97	1.00	2.30	2170
October	3.16	1.90	1.11	2.85	1.75	2.33	.92	2.07	2.19	.90	1918
November	2.50	2.21	2.49	4.11	1.16	3.85	1.28	.84	2.29	3.66	2439
December	.54	2.22	1.07	1.66	(1.70)	2.44	2.04	2.35	1.90	2.27	1819
TOTALS	23.56 D	21.79 D	20.87 D	32.21 D	NP. 1.15 inc. 1.15	26.47 inc. 1.15	17.51 D	22.97 D	17.66 D	26.24 D	23133

1944 The percentage value is too big but map 10/45 gives gauge level, etc satisfactory, garden very overgrown but grass kept cut around gauge.
 + The values are probably a little too big, 1944 & 45 records should not be used for any survey.
 1945 record determined, Miss Kirman is unable to continue observing for M.O.
 1946 A. J. Jones Esq. became observer in December 1945 & station moved 700 yds N.W. 6/4/47.
 gauge on level to A. J. Jones Esq. Hedge 4' high 16' S; Apple tree 10' high 22' N.

+ Mrs. Jones has been observing since 1947.

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	Parish Church.	Distance from gauge.	Direction
1946.				200 yds	E		3/4 mile	E-S.E.
Not processed for 41-70 averages 45-61 as I moved 47 T March 151 2/4/47								

51

River Basin *Lumber - Left bank. Tribs. 3*

Type of Gauge

Annual Average 23.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S/N
23.71 " " " " " 1916-1950 1916-1950 815005/128
ESLA N.

[illegible]

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
				Lee 41-50		20W 7/2		

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ ✓ but - 13-19	✓ ✓	✓ ✓	✓ imp 45-46 ✓ but cl 47.	