

RAINFALL AT Gargrave Day Bridge HillLat. $53^{\circ} 59' 24''$ Lon. $2^{\circ} 5' 32''$ County of YorkCase - Aire 9.

Rain Gauge, by

Observer Leeds & Liverpool Canal Co
R. H. White

Diameter			8								
Height			1.0								
Altitude			459								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January			3.11	5.09	5.96	1.71	4.33	1.49	1.55	1.49	
February			2.51	2.26	3.14	2.11	.70	1.15	.48	1.56	
March			3.90	.62	2.09	1.80	3.05	1.24	1.59	2.21	
April			3.89	2.11	1.41	1.68	2.64	1.43	2.23	1.62	
May			1.54	.73	1.54	2.17	3.21	1.67	1.10	2.32	
June			4.55	3.89	.40	2.30	1.86	.23	2.20	.88	
July			5.03	4.57	4.59	1.45	3.18	2.46	4.96	3.33	
August			3.75	2.48	2.88	1.15	1.65	1.52	3.64	7.54	
September....			3.02	6.94	2.40	4.01	3.02	5.17	.93	1.91	
October			4.09	5.87	2.33	4.21	5.09	2.29	1.02	4.12	
November			5.66	3.86	1.30	1.97	2.93	2.19	6.11	2.54	
December			3.13	2.18	4.89	1.54	4.34	2.76	1.80	1.88	
TOTALS ...			44.18	40.54	32.93	26.10	36.00	23.60	27.61	31.40	

Lat. $53^{\circ} 59' 24''$ Long. $2^{\circ} 5' 32''$

RAINFALL AT *Gargrave Rye Bridge Hill*

Lat. $53^{\circ} 59' 24''$

Lon. $2^{\circ} 5' 32''$

County of

York

Rain Gauge, by

Observer

*Leeds Liverpool Canal Co
R. H. White*

Rise. Aie 9

Diameter	8											
Height	1.0											
Altitude	459											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.42	2.44	2.79	.62	4.13	2.25	1.71	2.05	2.65	7.61	3.167	
February ....	.56	.20	1.92	3.67	5.93	.26	1.23	1.99	4.62	2.64	2.302	
March	2.57	2.56	.83	1.50	4.37	3.16	4.92	3.91	2.44	2.16	2.842	
April	1.52	1.40	1.56	.51	1.68	1.97	1.98	2.11	2.92	3.96	1.961	
May	2.43	2.04	3.68	1.98	1.72	.60	.34	1.90	2.71	2.94	2.034	
June	3.50	1.19	3.73	3.54	2.90	2.42	2.50	3.37	2.62	1.14	2.691	
July	3.19	4.34	1.83	3.51	3.04	5.63	2.18	1.19	.86	2.12	2.489	
August	7.89	6.85	5.75	4.10	3.70	4.19	1.99	7.23	3.91	1.81	4.742	
September....	1.47	2.76	4.16	3.34	.30	1.93	4.54	4.61	.78	5.19	2.908	
October	2.72	4.53	6.31	4.75	4.11	4.81	2.57	2.92	4.09	2.95	4.006	
November	5.00	4.71	2.41	2.16	2.83	2.77	.77	3.52	3.19	2.15	2.951	
December ....	.72	6.57	2.04	4.05	3.13	3.04	4.29	5.12	5.77	2.78	3.751	
TOTALS	36.99	39.59	37.01	33.73	37.84	33.03	29.32	39.92	36.56	37.45	36.144	

RAINFALL AT *Gargrave Ray Bridge Hill*
 Lat. *53° 59' 24" N* Lon. *2° 5' 32" W* County of *York W.R. Cardinal*
 Rain Gauge, by *Leeds & Liverpool Canal Co* Observer *R.H. White Eng*

Rise - Rise 9

Diameter ..	8											
Height	0 10											
Altitude ..	459											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.18	2.81	2.02	3.26	2.93	1.25	4.21	1.20	3.09	1.43	2.638	
February ..	2.48	1.26	1.55	2.22	2.73	1.05	2.68	1.58	1.98	1.09	1.862	
March ....	.32	3.07	2.13	4.72	2.37	2.28	2.33	2.74	3.30	2.41	2.567	
April	1.95	2.05	1.58	1.72	2.26	2.17	1.23	1.08	2.09	3.11	1.924	
May	1.55	.80	2.25	2.30	3.02	.47	4.27	3.86	2.46	2.09	2.307	
June	4.13	1.40	.66	2.13	1.76	2.87	1.79	4.39	1.24	2.86	2.323	
July	2.18	1.18	3.30	4.66	1.02	.86	1.24	2.58	3.51	3.95	2.448	
August	5.30	2.74	2.83	3.62	3.65	2.78	3.58	3.45	2.70	2.95	3.360	
September ..	1.23	1.43	1.19	4.09	.83	2.65	.91	.68	3.54	2.77	1.932	
October	5.68	2.79	3.05	8.41	1.33	2.14	5.94	3.95	2.45	3.44	3.918	
November ..	4.47	5.07	2.32	2.30	2.22	3.69	3.76	2.00	2.42	1.22	2.947	
December ..	4.21	4.65	3.14	2.12	2.28	.64	2.30	4.54	2.57	3.71	3.016	
TOTALS ..	37.68	29.25	26.02	41.55	26.40	22.85	34.24	32.05	31.35	31.03	31.242	

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RAINFALL at Gargrave Hay Bridge HallCounty of W YorkshreObserver Leeds & Liverpool Canal C.River Basin Onne Onne 9

Rain Gauge, by _____

Diameter ...	8										
Height	0 10										
Altitude ...	459										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.72	1.38	3.78	4.08	1.74	4.59	3.78	1.91	2.50	3.91	
February ...	4.21	3.03	2.14	1.83	2.85	4.66	4.56	.57	4.72	1.28	
March .....	.58	1.44	3.87	5.53	3.22	1.47	3.39	.94	1.36	4.08	
April	2.09	1.75	.68	3.56	1.22	1.52	2.50	1.01	.77	1.88	
May	1.55	2.18	2.26	2.63	2.13	1.57	2.58	.61	1.25	1.65	
June	2.20	2.10	6.23	1.96	2.10	1.95	2.39	1.70	.84	1.24	
July	2.81	.63	4.58	.80	2.94	3.83	5.11	.96	3.97	2.49	
August	4.65	2.16	4.94	1.83	2.87	3.15	3.79	5.99	3.30	2.61	
September ..	.16	3.24	2.01	1.54	2.33	.95	1.89	1.62	9.30	1.38	
October ...	2.30	2.48	3.71	1.39	2.40	1.19	9.35	4.15	2.69	2.46	
November ..	3.88	3.13	3.47	4.27	4.81	1.82	4.52	1.81	1.86	2.44	
December ...	3.31	4.84	4.78	1.80	6.45	6.64	3.20	1.48	7.33	4.75	
TOTALS ...	32.47	28.36	42.45	31.22	35.06	32.34	47.06	22.75	39.89	30.17	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.59.24 N	2.53.2 W						

RAINFALL at Gangrave Bay Bridge HillCounty of W. R. YorkshireObserver Leeds & Liverpool Canal Co.River Basin Cuse-Aire 9per R. SandersonHydrometer Rain Gauge, by
(127)

Diameter ...	8											
Height	0	10										
Altitude ...	459											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	4.09	6.41	3.11	2.94	3.02	4.06	4.77	3.58	8.40	2.01	6.73	
February ...	3.18	.23	4.37	4.37	.84	5.57	3.91	1.47	4.05	.77	.69	
March	3.04	2.93	2.27	1.99	1.40	.89	1.49	2.77	2.77	.62	2.37	
April	3.72	.96	2.43	3.03	1.63	2.49	1.27	3.03	1.05	1.17	3.58	
May	3.70	1.60	.75	2.79	5.48	4.35	3.11	1.56	1.19	2.03	2.07	
June	1.51	.20	1.79	.58	2.04	.00	2.36	2.88	5.03	2.51	2.29	
July	6.00	1.92	4.75	4.01	4.37	1.38	3.44	5.61	1.87	3.36	6.17	
August	1.88	4.58	4.20	4.92	5.65	4.15	4.15	6.67	7.15	5.98	5.91	
September...	1.58	1.92	3.48	4.15	3.90	2.90	2.67	5.84	0.76	2.05	3.25	
October	2.39	2.37	.68	5.13	3.94	4.33	4.02	4.36	4.78	6.66	6.11	
November...	2.29	2.52	1.69	6.22	2.68	2.44	6.51	3.71	5.84	6.85	5.37	
December...	3.48	5.07	3.57	3.20	4.79	3.92	1.43	1.24	2.69	9.29	3.85	
TOTALS...	36.86	30.71	33.09	43.33	39.74	36.48	39.13	42.72	45.58	43.30	48.39	

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	53° 59' 24"	2° 5' 32"						

RAINFALL at Gargrave (Ray Bridge Hill)County of West RidingObserver Leeds & Liverpool Canal Co.River Basin Duse - Aire - 9.Type of Gauge GlaisherAnnual Average 34.2 in. based on 49 years obs. un-weighted. Period of average 1881-1915 Ref. 5

749124/27

Diameter	8										
Height	0.10										
Altitude	459.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.66	5.58	3.46	4.14	1.54	4.02	4.14	6.05	6.05		.87
February	5.49	.26	4.49	.24	6.76	2.42	6.53	1.92	3.71		2.26
March	.49	2.86	2.48	3.26	1.73	2.37	2.15	1.20	1.60		3.01
April	3.50	4.40	1.86	2.85	3.73	1.14	2.85	.57	1.87		2.82
May	3.06	4.83	2.04	3.32	1.08	1.07	2.81	3.66	0.78		1.93
June	6.79	2.38	2.34	2.97	3.71	3.24	2.00	3.88	4.21		.73
July	5.38	7.86	3.41	2.94	1.16	4.77	2.81	4.45	6.93		4.07
August	4.29	1.29	1.29	3.28	1.90	3.46	2.04	6.30	2.12		1.67
September	3.67	5.49	1.91	3.35	8.69	5.16	1.71	1.71	1.35		4.07
October	2.11	7.05	3.42	5.18	8.14	3.98	3.98	10.93	2.26		4.30
November	7.85	3.47	1.92	1.69	4.97	5.11	1.14	5.96	6.67		5.64
December	2.90	2.51	0.64	6.58	2.92	4.43	1.77	4.82	3.34		3.65
TOTALS	49.19	48.18	24.76	39.80	46.33	41.77	33.93	51.45	40.87	35.01	

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

Station No. 3308

RAINFALL at Gargrave (Rugby Bridge Hill)

41

County of West Riding Observer London & Lancashire & Co.

River Basin Ouse & Aire & Don & Inland Watersheds

Type of Gauge Clinometer No. 1450

Annual Average 34.2 in. based on 49 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 670003/26

Diameter	8"		0.73	0.54							
Height	0' 10"			1							
Altitude	459'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.09	3.77	5.64	4.60	3.41	4.49	(4.50)	8.02	2.70	2.26	
February	3.19	1.46	3.05	2.01	5.12	4.89	(3.80)	2.86	3.13	2.67	
March	2.40	2.87	1.55	.44	1.73	1.42	(6.40)	2.13	1.28	1.76	
April	1.55	1.81	2.77	3.03	3.63	1.76	4.57	2.18	4.22	3.30	
May	1.94	3.00	3.53	2.36	4.62	1.81	4.00	1.70	2.87	2.17	
June	.88	1.08	4.28	3.20	4.90	3.29	2.89	4.78	.85	3.53	
July	2.05	3.78	2.93	4.19	2.53	4.64	4.04	1.21	3.23	3.87	
August	6.53	4.38	5.82	2.19	3.54	7.56	.34	4.78	3.65	6.61	
September	.92	2.82	4.07	6.84	2.73	6.19	3.00	3.29	1.21	6.65	
October	6.54	4.70	3.58	4.28	6.38	1.56	.97	2.10	5.47	3.44	
November	3.08	1.86	3.16	7.31	.53	6.21	5.35	2.73	5.43	5.70	
December	2.59	4.33	2.25	3.76	2.73	3.59	3.41	3.49	8.01	2.66	
TOTALS	32.84	35.86	42.66	44.27	41.85	47.41	(43.27)	39.27	42.05	49.52	

Note: Above 20" high 300 yds S. Jan. Feb 9 mar used for 1940

1450 } 1451 } 1452 } 1453 } 1454 } 1455 } 1456 } 1457 } 1458 } 1459 } 1460 } 1461 } 1462 } 1463 } 1464 } 1465 } 1466 } 1467 } 1468 } 1469 } 1470 } 1471 } 1472 } 1473 } 1474 } 1475 } 1476 } 1477 } 1478 } 1479 } 1480 } 1481 } 1482 } 1483 } 1484 } 1485 } 1486 } 1487 } 1488 } 1489 } 1490 } 1491 } 1492 } 1493 } 1494 } 1495 } 1496 } 1497 } 1498 } 1499 } 1500 }

70004

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.
Jan 1947.			GARGRAVE	12 mi.	SW.	GARGRAVE	12 mi.	SW.

BRITISH RAINFALL ORGANIZATION

51

File No. 61000/3/16 E16427/53
749/24/27

(62) Wt. 13072-389 10M 6/50 T.S. 841