



# 24020

## RAINFALL AT *Norchester, Berere Loc.* 80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Norchester*

Rain Gauge, by \_\_\_\_\_

Observer *H. I. Marten, Esq., C.E.*

*Sever, 20 - 2.*

Diameter ....	<i>5</i>										
Height .....	<i>1.1</i>										
Altitude ....	<i>527</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>.39</i>	<i>.47</i>	<i>1.96</i>	<i>2.98</i>	<i>2.83</i>	<i>1.78</i>	<i>2.99</i>	<i>2.52</i>	<i>.71</i>	<i>.61</i>	<i>1.724</i>
February ....	<i>2.69</i>	<i>3.40</i>	<i>2.46</i>	<i>2.81</i>	<i>1.45</i>	<i>2.61</i>	<i>1.14</i>	<i>.40</i>	<i>.60</i>	<i>1.35</i>	<i>1.891</i>
March .....	<i>1.30</i>	<i>1.54</i>	<i>1.19</i>	<i>1.00</i>	<i>2.19</i>	<i>1.11</i>	<i>2.44</i>	<i>1.12</i>	<i>2.17</i>	<i>2.43</i>	<i>1.649</i>
April .....	<i>1.30</i>	<i>.72</i>	<i>3.35</i>	<i>.74</i>	<i>1.14</i>	<i>2.26</i>	<i>1.77</i>	<i>.95</i>	<i>.88</i>	<i>3.20</i>	<i>1.531</i>
May .....	<i>1.84</i>	<i>1.55</i>	<i>1.79</i>	<i>.86</i>	<i>1.26</i>	<i>2.70</i>	<i>5.21</i>	<i>1.82</i>	<i>.77</i>	<i>2.91</i>	<i>2.071</i>
June .....	<i>3.64</i>	<i>2.30</i>	<i>2.62</i>	<i>2.07</i>	<i>2.45</i>	<i>3.05</i>	<i>1.11</i>	<i>1.42</i>	<i>2.35</i>	<i>.95</i>	<i>2.196</i>
July .....	<i>4.90</i>	<i>1.43</i>	<i>3.94</i>	<i>2.04</i>	<i>3.12</i>	<i>.15</i>	<i>2.94</i>	<i>.75</i>	<i>4.54</i>	<i>1.95</i>	<i>2.576</i>
August .....	<i>.23</i>	<i>4.52</i>	<i>2.18</i>	<i>.99</i>	<i>1.75</i>	<i>3.65</i>	<i>1.72</i>	<i>1.21</i>	<i>2.58</i>	<i>2.59</i>	<i>2.142</i>
September ....	<i>3.24</i>	<i>2.00</i>	<i>2.20</i>	<i>4.73</i>	<i>1.33</i>	<i>3.15</i>	<i>3.49</i>	<i>1.09</i>	<i>.73</i>	<i>1.57</i>	<i>2.353</i>
October .....	<i>4.56</i>	<i>2.19</i>	<i>4.98</i>	<i>2.05</i>	<i>.85</i>	<i>3.15</i>	<i>3.27</i>	<i>2.29</i>	<i>.56</i>	<i>2.64</i>	<i>2.654</i>
November ....	<i>1.74</i>	<i>2.57</i>	<i>3.53</i>	<i>3.87</i>	<i>1.55</i>	<i>3.46</i>	<i>1.82</i>	<i>2.50</i>	<i>5.07</i>	<i>.93</i>	<i>2.704</i>
December ....	<i>2.52</i>	<i>2.33</i>	<i>2.73</i>	<i>.71</i>	<i>1.75</i>	<i>.81</i>	<i>3.77</i>	<i>1.57</i>	<i>1.99</i>	<i>1.60</i>	<i>1.978</i>
TOTALS ....	<i>28.35</i>	<i>25.02</i>	<i>32.93</i>	<i>24.85</i>	<i>21.67</i>	<i>27.88</i>	<i>31.67</i>	<i>17.64</i>	<i>22.95</i>	<i>22.73</i>	<i>25.569</i>

*1880. Grimley*

*1 mile*

*WNW*

*Lock house 17ft high. 81ft W.S.W.*

*✓ indicates entered correct day. (See note at beginning of this book.)*

2400

RAINFALL AT Worcester Beacon Lock

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Worcester

Rain Gauge, by \_\_\_\_\_

Observer H. J. Martin Esq C.E.Season, L-2.

Diameter ....	5										
Height .....	1	1									
Altitude ....	52	ft									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.48	1.57	1.92	1.62	1.49	3.31	.55	1.79	.46	3.01	1.820
February ....	.50	.04	.85	2.23	2.49	.14	.27	2.11	1.07	2.28	1.198
March .....	1.02	1.18	.65	.17	.70	1.51	2.44	2.71	.42	.63	1.143
April .....	1.04	1.19	.86	.28	1.53	1.79	.87	1.26	1.64	1.84	1.220
May .....	1.72	3.25	2.15	2.11	3.04	.72	.30	.71	3.06	1.66	1.872
June .....	1.92	2.64	1.93	.83	1.96	1.69	1.87	2.46	.75	1.19	1.724
July .....	1.53	2.33	1.52	1.98	3.29	2.70	1.44	.69	.86	1.10	1.744
August .....	2.23	3.43	3.41	2.07	2.79	1.97	1.27	4.04	1.90	1.03	2.414
September ...	1.21	.87	2.29	1.18	1.88	.29	3.57	2.28	.62	3.19	1.738
October .....	1.03	5.94	1.77	1.78	3.11	2.31	1.66	1.48	3.06	2.27	2.441
November ....	1.96	2.13	1.97	1.42	3.18	3.63	.72	1.62	1.68	1.51	1.982
December ....	1.04	3.00	1.03	2.53	1.70	1.60	2.72	2.50	1.95	2.46	2.053
TOTALS ....	17.68	27.57	20.35	18.20	27.16	21.66	17.68	23.65	17.47	22.17	21.959

1891 Grimley Church 1 mile W.N.W 1880 -  
Lock House 17 ft high 81 ft W.S.W

RAINFALL AT Worcester River Lock

Lat. ....

Lon. ....

County of Worcester

Rain Gauge, by .....

Observer E.D. Marten Esq C.E.Season, 8-2.

Diameter ..	5										
Height ....	1 1										
Altitude ..	52 <del>R</del>										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.23	1.39	.74	2.17	2.29	.81	3.52	.99	.59	.97	1.673
February ..	3.93	.96	1.18	1.64	3.71	.81	1.57	.71	1.18	.42	1.611
March ....	.77	1.47	1.29	3.28	1.10	3.13	.99	.68	2.79	2.75	1.825
April .....	.96	1.78	1.95	1.65	1.14	1.79	1.38	2.45	2.79	2.14	1.803
May .....	1.78	.90	2.23	3.66	2.10	.34	2.32	2.56	1.82	1.10	1.881
June .....	2.09	2.50	2.70	1.92	.64	3.13	2.70	2.58	2.15	3.09	2.350
July .....	1.61	2.25	1.06	2.65	2.55	1.44	.84	2.03	1.79	3.06	1.928
August ....	2.82	1.81	2.79	3.25	1.61	5.58	.66	2.15	3.12	1.58	2.537
September ..	.57	1.36	1.09	2.70	2.04	.76	.62	.38	2.17	3.29	1.498
October ....	2.66	1.25	2.82	5.83	.71	1.39	4.51	6.13	2.05	2.59	2.994
November ..	1.98	.66	2.15	1.26	1.18	2.70	2.17	2.18	1.59	.78	1.665
December ..	5.19	4.17	1.44	1.08	1.88	.78	1.91	3.36	2.16	3.73	2.570
TOTALS ..	27.59	20.50	21.44	31.09	20.95	22.69	23.19	26.20	24.20	25.50	21.335 344

1900 Grimley Church 1 mile W.N.W  
 Lock House 17 ft high 81 ft W.S.W

H.W.S.



RAINFALL at Worcester Bore LockCounty of WorcestershireObserver E. D. Marten Esq. Ch. E. J. Bondy Esq.River Basin Lower Left Bank Tributaries 2

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	1.1											
Altitude ...	527											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	2.02	.74	3.84	3.80	.73	2.57	.82	1.72	2.12	2.92		7.58
February ...	2.71	1.41	1.53	1.06	1.72	3.19	3.77	1.07	1.38	2.75		8.97
March .....	.77	1.82	3.60	4.38	2.49	.71	2.67	2.53	1.18	4.20		10.58
April .....	1.65	.99	.14	3.41	1.09	1.09	1.17	1.13	2.23	1.76		6.29
May .....	1.11	.54	2.61	2.57	1.75	2.90	2.63	3.70	2.48	.93		9.74
June .....	3.34	1.14	6.20	.72	2.55	1.20	1.14	2.19	.76	.90		4.99
July .....	2.22	.33	3.51	1.02	3.47	6.65	1.65	1.87	2.13	2.95		8.60
August .....	5.68	1.50	6.86	1.58	1.73	2.24	2.34	4.21	.96	2.13		9.64
September ..	.72	1.35	.74	1.97	1.14	.92	.95	1.95	5.74	1.26		9.90
October ...	3.16	1.51	2.65	3.73	1.59	3.74	3.73	2.17	1.17	2.35		9.42
November ...	3.71	2.35	1.45	2.51	2.46	2.22	2.46	.95	1.73	1.04		6.18
December ...	4.20	5.15	3.35	1.05	5.46	4.57	2.38	1.07	1.87	2.87		8.19
TOTALS ...	31.29	18.83	36.48	27.80	26.18	32.00	25.71	24.86	23.75	26.06		100.08
	D	D	D	D	D	D	D	D	D	D		4.41

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

## Observer

E. J. Bradley

Seven Bunches were

5:03 } Copper Snowdon Rain Gauge, by Casella  
5:02 } good condition  
5:01 } n + 2 glass only - 30 remains.  
4:99 } E. beginning to part at joint - right

[illegible]

Inspected 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860

*Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series*

No. of Maps

Reference No.

[illegible]

RAINFALL at Worcester (Bevern Lock)County of WorcestershireObserver J. E. Bentley Esq.River Basin Severn Left Bank Tribs 2H. J. M. Inett (1941)

Type of Gauge.....

Annual Average 24.5 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S

699336/26.

Diameter	5											
Height	1	1										
Altitude	52											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.31	2.31	1.65	2.13	.88	2.96	2.41	2.51	(4.01)	3.60		23.83
February	2.04	.05	2.78	.33	1.89	1.91	3.30	.33	0.67	2.13		15.43
March	.37	1.57	1.96	1.49	.62	2.26	2.35	.27	1.24	1.48		13.91
April	3.16	3.47	1.06	1.92	4.61	1.69	1.77	.08	1.42	2.22		21.40
May	4.05	7.97	1.26	1.03	.94	.71	2.05	1.35	1.25	2.94		23.63
June	3.14	1.03	1.73	.73	2.21	3.66	.86	(1.11)	1.51	1.48		17.46
July	2.68	2.84	1.51	.62	.47	5.32	2.40	2.29	4.62	1.79		24.51
August	3.84	3.20	0.72	1.90	1.85	.36	1.23	2.14	1.46	.07		16.77
September	1.89	2.30	1.49	1.62	4.38	2.13	2.62	(1.33)	0.45	1.13		19.34
October	.70	3.18	3.51	1.21	3.33	1.16	2.49	2.01	2.93	3.18		23.70
November	2.94	1.24	0.71	1.94	4.23	2.20	1.42	(2.50)	3.62	5.49		26.29
December	.73	.77	0.45	4.58	3.04	2.33	1.74	(3.09)	1.43	1.20		19.36
TOTALS	26.85	29.93	18.91	19.80	28.45	26.69	24.64	(19.01)	24.67	26.71		245.66
	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.		9th

1939 Entries on Jan 14<sup>th</sup> & 18<sup>th</sup> est<sup>d</sup> from nearby stations\* Corrected by F. 2090, 3/4/56. ~~9th~~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



Station No. *T.F. 2404*RAINFALL at *Worcester (Bevere Lock)*

41

County of *Worcestershire*

Observer

*H. J. Trickett Esq.*River Basin *severn left Bank - 2**E. J. Adams Esq. - 1969.*Type of Gauge *Snordon*Annual Average *24.5* in. based on *35* years obs. un-weighted. Period of average *1881 - 1915* Ref *S*File No. *699336/26*

Diameter	5"				44	112						
Height	1' 1"					1						
Altitude	52'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.66	2.78	4.51	2.22	1.31	2.45	1.60	3.13	1.19	4.6		Totals 22.51
February	2.27	.70	1.15	.96	1.22	1.40	1.17	.96	.47	2.93		13.23
March	2.07	1.85	.99	.38	.98	.49	5.02	.60	1.51	1.06		14.95
April	1.72	.76	1.25	1.65	.88	2.04	1.54	1.40	1.80	1.64		14.68
May	2.02	3.23	2.65	.59	2.60	2.93	1.68	2.69	2.90	1.30		22.79
June	2.42	.03	1.43	1.71	2.30	2.18	1.30	1.59	.25	1.35		14.62
July	3.30	1.01	.84	3.13	2.05	1.84	1.39	.91	1.84	1.67		17.99
August	3.55	1.76	1.18	3.54	2.81	5.76	1.12	5.10	.72	3.02		28.59
September	1.27	1.18	2.19	2.23	1.51	3.03	.98	2.26	1.12	2.96		18.73
October	2.74	2.20	1.64	2.80	2.60	.75	.30	1.87	4.19	.65		17.74
November	2.98	1.00	1.39	3.64	.23	2.96	1.41	1.12	2.23	3.77		20.63
December	1.20	2.59	1.23	1.58	3.47	1.66	1.51	3.31	1.15	1.40		19.10
TOTALS	28.33	19.15	20.65	24.43	21.96	27.49	19.02	24.94	19.37	22.21		227.55

205.34

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.

BRITISH RAINFALL ORGANIZATION



Station No. <sup>T.F. 18</sup> 2404  
440112RAINFALL at Worcester (Bevere Lock)

51

County of Worcestershire Observer R. S. Adams LongRiver Basin Leven Left Bank-2 Dash & LevenType of Gauge Snowdon BRITISH WATERWAYSAnnual Average 24.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S  
24.77 " " " " " 1916-1950 1916-1950 299336/36 P  
File No. 299336/36

Diameter ...	5"				440	112						
Height ...	1' 0"					1						
Altitude ...	51'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.14	1.92	.53	1.15	2.99	3.45	1.13	1.92	3.23	5.42	23.88	
February ...	2.51	.56	1.51	2.08	1.30	.38	2.51	4.53	.13	2.04	17.55	
March ...	4.15	1.80	1.16	2.28	2.46	.94	1.55	1.17	2.55	1.54	19.60	
April ...	2.67	2.02	2.40	.44	1.07	1.96	.11	.55	3.05	1.14	15.41	
May ...	3.25	2.82	2.71	2.71	4.40	.54	1.55	2.30	1.32	1.35	22.95	
June ...	.88	1.67	1.88	2.92	3.82	1.69	1.46	3.13	.72	1.54	19.61	
July ...	.96	.56	2.38	2.65	2.16	2.59	2.98	3.03	1.48	2.51	21.30	
August ...	4.04	4.20	2.97	3.68	.43	5.26	4.84	3.06	2.42	4.25	35.15	
September ...	3.25	1.35	2.23	1.16	1.60	2.86	4.01	3.96	.23	4.24	24.89	
October ...	.65	4.25	2.07	2.38	1.30	1.42	.97	2.00	2.63	6.07	23.80	
November ...	6.14	2.16	1.30	5.51	3.21	1.13	2.16	2.26	3.98	3.77	31.62	
December ...	2.12	2.25	1.16	1.57	2.44	2.86	2.04	3.55	4.77	2.87	25.63	
TOTALS ...	32.76	25.56	22.30	28.53	27.18	24.98	25.31	31.52	26.51	36.74	281.39	
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map : No. of Map 129 National Grid Reference SQ 837594 <sup>(32)</sup>

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	