

Total Monthly and Annual East Maui Ditch Deliveries from 1925

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	MGD
1925	4,303.43	3,087.41	4,591.30	7,290.80	6,814.60	6,436.55	4,432.52	6,446.91	5,917.76	4,504.53	6,695.99	2,558.26	63,080.06	172.82
1926	2,882.05	2,934.57	1,483.04	2,875.44	2,570.90	2,737.91	1,836.94	5,952.86	3,313.43	3,619.26	3,075.88	2,538.04	35,820.32	98.14
1927	6,647.42	3,066.52	5,611.29	6,345.42	6,689.47	3,933.38	5,594.10	7,615.93	6,265.26	3,568.58	4,912.52	6,725.49	66,975.38	183.49
1928	6,306.48	5,348.39	3,277.50	5,342.43	7,055.42	4,514.56	8,541.91	7,948.26	6,564.74	3,784.44	6,884.87	7,873.49	73,442.49	201.21
1929	6,798.31	5,692.52	7,242.98	6,089.50	5,005.91	3,451.19	3,639.79	4,469.81	2,041.88	3,116.45	3,571.57	5,766.67	56,886.58	155.85
1930	5,626.15	4,501.33	6,904.31	8,637.39	8,703.71	7,479.20	7,868.63	8,512.84	6,905.36	5,944.95	5,870.56	5,281.41	82,235.84	225.30
1931	2,893.67	3,875.87	3,450.85	6,658.28	6,180.53	4,136.66	7,140.37	9,239.78	9,787.06	7,358.04	8,526.17	4,697.89	73,945.17	202.59
1932	7,493.50	5,780.93	3,930.84	9,228.44	9,097.34	5,723.39	8,097.63	4,825.58	4,177.13	1,497.07	2,766.66	4,543.75	67,162.26	184.01
1933	7,232.60	4,498.95	5,517.97	4,316.76	2,945.56	2,557.66	4,074.86	2,283.71	1,629.15	831.50	1,890.61	2,263.25	40,042.58	109.71
1934	3,232.56	3,132.03	2,729.29	8,838.88	9,299.48	8,580.74	7,692.85	4,436.45	4,352.10	5,550.36	8,507.63	5,224.00	71,576.37	196.10
1935	6,864.32	4,480.03	5,423.73	8,746.27	5,420.70	5,163.73	5,134.80	4,274.04	4,171.57	2,951.51	4,147.46	2,163.52	58,941.68	161.48
1936	2,412.37	2,090.74	8,545.70	7,754.23	10,532.92	5,974.51	8,868.48	9,221.76	7,645.23	4,880.99	6,771.97	8,277.65	82,976.55	227.33
1937	8,190.72	5,000.01	6,490.57	8,140.96	9,652.08	5,840.65	9,544.82	9,996.24	6,100.23	5,589.56	7,524.51	5,675.86	87,746.21	240.40
1938	6,822.80	4,415.97	7,223.31	6,817.88	9,471.51	8,415.98	4,500.46	6,555.38	3,615.42	5,186.53	5,022.70	6,556.93	74,604.87	204.40
1939	8,943.35	6,672.16	6,603.33	6,948.34	8,010.78	7,660.09	7,657.75	6,831.34	5,770.57	3,635.85	8,045.19	6,022.36	82,801.11	226.85
1940	2,262.44	3,923.84	3,175.00	3,321.98	5,692.40	2,966.59	4,827.85	8,789.40	7,154.24	5,562.87	6,134.62	4,470.30	58,281.53	159.68
1941	4,354.23	2,082.83	6,427.79	6,316.16	8,679.48	5,705.08	6,966.39	7,673.22	7,967.40	9,383.70	6,733.34	7,729.96	80,019.58	219.23
1942	3,251.52	4,046.14	8,713.68	8,417.26	6,429.35	4,702.85	4,899.52	5,747.95	5,563.71	4,731.05	3,043.04	2,978.89	62,524.96	171.30
1943	3,578.08	4,355.90	6,918.84	8,005.72	6,418.15	4,604.52	7,794.94	5,550.98	3,086.49	1,580.11	1,727.23	4,581.29	58,202.25	159.46
1944	2,594.60	2,240.56	3,417.13	6,420.43	5,617.38	4,286.31	5,554.08	4,613.76	3,592.90	4,448.98	8,329.88	6,519.66	57,635.67	157.91
1945	2,228.69	2,387.43	8,455.19	3,781.00	1,589.31	3,081.73	2,554.21	7,982.63	4,043.92	2,803.41	5,046.98	3,947.56	47,902.06	131.24
1946	3,211.77	3,453.68	8,714.93	10,132.55	4,093.29	2,230.05	7,772.82	3,608.93	2,821.69	3,445.58	4,724.26	7,476.75	61,686.30	169.00
1947	5,800.74	2,541.56	7,178.62	6,115.38	8,009.77	3,586.24	5,798.34	6,042.28	5,069.51	4,396.22	5,126.44	7,044.39	66,709.49	182.77
1948	4,999.06	3,777.84	8,075.89	8,298.76	6,351.44	4,242.61	7,947.84	5,660.28	3,728.95	6,411.85	7,710.69	6,806.62	74,011.83	202.77
1949	4,097.26	2,697.62	4,911.36	7,004.55	3,536.85	2,780.70	5,158.41	5,693.25	1,971.01	2,368.19	6,299.45	5,677.41	52,196.06	143.00
1950	3,354.31	4,394.62	6,858.95	8,662.24	9,646.70	5,260.58	6,839.49	5,683.31	3,584.43	3,553.04	5,279.56	5,933.24	69,050.47	189.18
1951	5,698.28	3,675.32	5,698.17	4,172.38	2,351.22	2,773.62	3,621.99	5,709.75	2,824.25	2,565.98	5,992.30	4,961.29	50,044.55	137.11
1952	5,934.22	5,117.99	8,344.81	6,451.89	7,525.06	8,779.98	7,943.66	4,505.14	4,743.40	6,181.96	9,435.19	7,491.55	82,454.85	225.90
1953	1,870.86	2,546.54	5,285.27	2,051.55	5,557.06	4,002.66	3,463.71	4,410.02	1,243.12	1,743.89	3,958.14	5,232.35	41,365.17	113.33
1954	3,127.21	2,157.37	7,186.48	4,125.05	9,834.32	6,552.34	10,229.01	10,353.71	5,697.28	2,809.81	2,191.05	6,264.49	70,528.12	193.23

Total Monthly and Annual East Maui Ditch Deliveries from 1925

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	MGD
1955	5,225.83	6,564.21	7,572.03	7,440.09	9,059.90	4,089.84	6,170.30	8,199.50	4,297.65	3,727.34	3,369.66	2,253.35	67,969.70	186.22
1956	3,479.20	4,205.76	6,261.83	9,093.41	9,427.37	9,911.20	6,465.94	8,399.15	3,068.64	6,359.67	3,376.20	3,532.23	73,580.60	201.59
1957	4,534.51	5,311.57	3,998.16	7,319.28	5,933.00	1,818.63	5,546.83	9,108.34	5,015.42	4,192.16	6,737.44	8,775.81	68,291.15	187.10
1958	5,653.06	2,907.30	3,966.33	4,108.51	6,737.62	6,390.03	10,179.78	10,010.38	5,960.02	7,475.68	7,785.59	7,394.92	78,569.22	215.26
1959	4,557.12	5,363.62	7,196.64	7,671.36	6,814.94	3,081.04	4,449.01	6,981.90	3,996.67	1,976.43	4,514.96	8,541.50	65,145.19	178.48
1960	6,484.57	5,490.97	7,409.68	9,852.02	7,028.71	5,008.38	4,281.41	4,771.95	4,791.83	3,474.48	7,689.32	6,119.46	72,402.78	198.36
1961	3,823.10	6,103.46	4,492.00	4,595.20	4,229.67	5,255.74	3,353.29	3,963.30	2,217.63	5,997.53	7,339.67	5,004.57	56,375.16	154.45
1962	2,266.49	2,067.99	8,037.26	4,385.09	4,229.88	1,277.60	3,921.05	4,115.55	2,774.71	1,800.48	1,903.08	3,568.22	40,347.40	110.54
1963	2,767.16	2,045.59	4,358.38	6,926.61	9,583.66	6,618.77	7,637.61	4,669.74	3,984.54	7,376.43	5,525.46	3,426.50	64,920.45	177.86
1964	6,188.35	6,094.77	7,049.35	5,967.65	8,583.95	3,805.09	5,434.39	4,888.26	4,746.66	7,862.05	7,298.12	4,503.53	72,422.17	198.42
1965	3,734.29	4,634.31	6,813.10	6,156.54	5,614.37	4,979.03	6,195.10	4,239.53	1,390.29	2,595.49	7,372.91	8,318.31	62,043.27	169.98
1966	6,727.25	5,860.62	5,453.79	6,174.12	3,493.28	2,918.01	5,170.33	5,977.35	3,968.65	6,622.16	4,998.58	5,044.28	62,408.42	170.98
1967	5,996.93	5,129.49	6,116.04	6,512.20	4,546.51	3,231.31	7,326.27	7,121.25	2,296.44	2,621.08	9,011.88	6,481.88	66,391.28	181.89
1968	4,404.71	1,917.58	7,000.65	7,742.19	5,680.01	3,900.17	3,331.23	4,232.83	2,894.27	2,357.35	1,843.95	3,138.66	48,443.60	132.72
1969	3,090.52	4,730.63	7,389.86	8,382.51	6,850.29	3,744.62	8,342.95	8,599.16	7,567.33	3,707.59	3,399.03	4,325.54	70,130.03	192.14
1970	3,651.75	2,626.43	4,659.20	8,150.19	6,870.80	4,183.63	8,484.90	6,868.97	6,053.38	5,500.71	5,563.49	4,354.29	66,967.74	183.47
1971	1,719.70	2,227.05	5,076.79	6,565.25	5,678.05	2,741.52	2,556.16	1,436.59	2,275.36	2,543.22	5,112.11	5,587.08	43,518.88	119.23
1972	3,919.94	4,775.12	2,026.16	6,581.80	4,262.66	2,350.37	4,848.40	4,835.59	2,685.19	4,221.65	6,319.54	3,132.91	49,959.33	136.87
1973	4,042.48	5,768.89	9,816.83	6,628.37	6,251.20	3,939.28	3,352.14	1,284.89	1,373.41	3,065.56	5,217.84	4,000.15	54,741.04	149.98
1974	3,064.30	3,801.82	4,484.01	5,861.78	6,497.22	3,242.85	3,076.25	2,117.04	999.77	1,964.25	6,056.60	5,704.40	46,870.29	128.41
1975	7,670.20	6,130.15	7,561.60	6,783.15	4,128.65	2,127.67	3,050.68	5,042.61	2,353.69	5,557.26	4,271.06	2,449.61	57,126.33	156.51
1976	4,691.94	4,726.32	7,295.90	8,722.21	5,144.60	2,345.51	3,953.86	2,935.72	2,235.84	3,909.87	5,669.55	2,701.00	54,332.32	148.86
1977	956.60	2,201.04	10,528.01	7,806.57	5,850.80	2,525.16	6,329.28	6,066.37	2,844.74	2,909.78	3,350.13	3,397.01	54,765.49	150.04
1978	3,292.67	1,374.07	5,423.97	5,562.40	6,296.64	6,487.45	8,455.96	8,233.99	6,237.30	6,913.00	6,609.26	6,302.93	71,189.64	195.04
1979	4,579.05	3,917.12	4,791.17	4,364.90	4,455.28	5,149.81	5,723.65	3,923.29	2,262.44	2,944.99	6,576.75	5,435.21	54,123.66	148.28
1980	2,691.58	2,802.89	5,954.60	7,424.84	7,844.87	7,396.37	9,232.49	7,153.63	5,948.81	5,560.95	3,974.67	1,705.54	67,691.24	185.46
1981	1,471.00	2,861.57	3,524.84	2,865.84	3,767.67	1,108.79	1,511.72	3,908.69	2,765.07	4,748.61	7,883.74	5,954.92	42,372.46	116.09
1982	3,555.40	3,585.18	5,198.18	5,581.11	7,156.23	4,490.55	10,204.67	10,464.13	7,238.19	6,813.33	4,380.52	3,959.57	72,627.06	198.98
1983	2,638.40	1,090.57	1,707.00	4,993.85	8,192.66	5,036.94	6,832.82	5,201.45	6,603.98	9,545.81	5,350.81	2,479.47	59,673.76	163.49

Total Monthly and Annual East Maui Ditch Deliveries from 1925

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	MGD
1984	5,140.19	5,765.63	2,783.96	7,467.90	4,703.61	2,949.64	2,254.77	1,924.47	810.39	436.99	2,207.56	3,817.07	40,262.18	110.31
1985	1,837.19	2,636.95	10,110.66	7,611.06	10,444.71	2,937.15	5,271.47	6,076.50	2,976.02	4,782.60	4,324.49	3,519.46	62,528.26	171.31
1986	4,054.52	1,703.10	5,181.68	8,268.54	7,254.26	8,870.49	8,592.28	6,303.96	1,750.36	5,341.06	8,757.05	6,455.22	72,532.52	198.72
1987	7,127.04	4,624.31	3,969.40	7,017.39	7,487.70	8,489.88	7,768.64	2,856.99	3,929.51	4,574.76	6,560.43	5,711.49	70,117.54	192.10
1988	4,676.36	5,939.81	6,845.31	7,159.25	6,573.55	3,332.25	4,301.19	4,014.75	2,511.98	3,770.67	6,108.35	4,636.08	59,869.55	164.03
1989	6,550.34	3,190.98	4,196.19	5,747.72	7,873.24	6,851.57	8,789.35	6,274.27	5,705.83	4,691.30	2,445.90	2,462.35	64,779.04	177.48
1990	5,189.72	5,441.76	4,854.56	4,104.08	7,102.61	7,075.17	6,743.98	6,519.43	7,881.18	8,530.93	5,249.64	5,268.87	73,961.93	202.64
1991	4,254.31	3,547.39	5,718.15	6,236.30	5,467.93	5,121.48	5,131.90	7,061.56	4,612.20	2,709.79	2,078.12	5,148.84	57,087.97	156.41
1992	4,088.44	3,714.17	1,761.86	1,564.70	3,457.24	5,147.67	8,052.26	8,853.13	8,994.62	4,562.56	5,859.25	4,978.14	61,034.04	167.22
1993	3,002.78	2,323.38	5,424.46	5,800.88	7,692.26	3,782.02	7,078.51	6,599.97	3,549.80	5,532.19	6,987.15	6,545.37	64,318.77	176.22
1994	6,146.04	6,338.01	5,452.04	5,858.49	4,850.49	6,725.53	7,496.48	7,170.85	6,572.27	3,125.17	8,956.09	7,829.69	76,521.15	209.65
1995	4,234.21	1,407.37	2,491.06	5,381.35	6,253.12	4,710.01	5,979.35	7,139.55	3,771.63	5,807.45	4,752.58	2,366.38	54,294.06	148.75
1996	4,050.99	5,394.73	5,196.07	6,298.45	3,902.91	3,699.19	5,906.88	3,178.24	2,763.92	1,011.91	4,912.46	5,344.07	51,659.82	141.53
1997	4,939.11	2,845.90	7,746.13	4,111.75	6,723.54	8,557.44	9,316.25	4,577.26	3,839.24	2,596.14	6,006.90	4,764.54	66,024.20	180.89
1998	3,419.05	2,047.62	2,785.51	9,432.68	8,838.08	7,939.19	5,486.61	5,409.51	5,463.83	7,370.22	5,772.46	6,765.40	70,730.16	193.78
1999	4,746.81	5,184.76	5,693.19	6,307.93	2,037.17	1,416.85	2,674.63	4,264.34	2,838.92	1,934.25	3,215.93	6,693.94	47,008.72	128.79
2000	6,617.02	2,357.25	2,356.60	6,765.52	2,601.51	1,270.37	4,377.21	6,123.99	6,135.85	6,794.52	7,729.98	3,059.37	56,189.19	153.94
2001	1,286.89	3,764.72	3,629.81	6,686.42	5,065.53	2,725.24	3,254.72	6,452.96	3,182.26	7,148.75	6,769.56	6,287.41	56,254.27	154.12
2002	5,288.72	5,690.39	6,107.25	2,613.87	4,672.32	3,074.27	6,143.04	5,211.54	3,657.10	2,814.91	1,522.71	3,630.41	50,426.53	138.15
2003	2,338.49	3,804.40	2,571.73	4,645.14	2,103.81	2,261.36	5,115.13	6,943.94	3,589.64	2,810.28	5,048.70	6,926.57	48,159.19	131.94
2004	4,390.66	4,302.40	5,965.80	6,634.36	7,227.53	5,298.48	3,021.38	2,865.51	1,929.51	2,816.40	3,714.58	4,588.81	52,755.42	144.54
2005	2,173.69	2,898.15	5,122.25	7,015.48	3,158.03	5,167.20	7,385.34	4,914.13	6,161.25	7,801.24	6,744.12	3,363.98	61,904.86	169.60
2006	5,615.33	5,999.21	5,784.47	5,670.21	5,906.58	2,948.93	3,342.72	2,819.31	2,078.52	2,476.94	2,888.23	3,245.26	48,775.71	133.63
2007	3,607.32	3,422.56	4,634.82	4,745.55	2,458.27	1,634.47	3,337.82	3,574.15	5,080.02	6,402.87	3,921.95	4,415.63	47,235.43	129.41
2008	5,298.10	3,860.63	2,489.23	2,785.10	1,820.13	765.41	2,133.55	3,561.19	1,416.23	1,285.64	1,841.51	2,601.27	29,857.99	81.80
2009	3,361.73	4,324.76	6,456.78	6,969.87	2,302.05	1,774.53	3,102.92	4,093.80	2,945.83	4,457.04	5,455.56	4,282.95	49,527.82	135.69
2010	2,581.13	1,818.23	7,317.38	5,885.58	2,930.21	1,683.39	2,279.64	2,504.48	1,605.97	3,854.54	5,104.37	3,842.88	41,407.80	113.45
2011	2,377.96	1,789.89	3,972.19	2,192.98	3,138.06	4,071.95	3,500.99	5,264.41	2,174.60	1,689.50	5,134.61	7,017.06	42,324.20	115.96
2012	2,505.23	2,679.89	6,750.81	4,267.34	5,076.42	5,362.79	6,813.83	4,107.94	5,002.22	1,916.61	2,041.05	3,694.64	50,218.77	137.59

Total Monthly and Annual East Maui Ditch Deliveries from 1925

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	MGD
2013	4,836.61	5,469.24	4,028.11	2,065.93	3,920.46	3,252.01	1,827.20	2,901.72	1,737.58	1,435.83	2,249.38	1,971.94	35,696.01	97.80
2014	2,925.78	2,132.09	5,158.43	6,408.32	4,970.75	2,488.84	5,069.22	2,468.27						

Civil No. 19-1-0019-01 (JPC)
Defendant A&B/EMI's Exhibit AB-138
FOR IDENTIFICATION _____
RECEIVED IN EVIDENCE _____
CLERK _____