

THE DALLES JAN - JUL VOLUME RUNOFF the 2000 level needs fixed, includes pumping from Grand Coulee. This should not be included, approx 2-5 maf

80-LEVEL				90-LEVEL				2000-LEVEL			
YEAR	VOLUME	YEAR	VOLUME	YEAR	VOLUME	YEAR	VOLUME	YEAR	VOLUME	YEAR	VOLUME
1929	68.4	1	1977	53.5	1929	68.9	1	1977	53.8	1929	69.5
1930	70.0	2	1944	60.2	1930	70.2	2	1944	60.3	1930	71.2
1931	64.4	3	1931	64.4	1931	64.5	3	1931	64.5	1931	65.1
1932	106.2	4	1929	68.4	1932	106.7	4	1929	68.9	1932	107.5
1933	108.1	5	1937	69.2	1933	108.4	5	1937	69.4	1933	109.5
1934	110.6	6	1941	69.5	1934	110.6	6	1941	69.9	1934	110.7
1935	90.9	7	1930	70.0	1935	91.0	7	1930	70.2	1935	92.1
1936	88.7	8	1973	70.9	1936	89.5	8	1973	71.2	1936	90.5
1937	69.2	9	1939	81.0	1937	69.4	9	1988	76.0	1937	70.2
1938	106.1	10	1940	81.0	1938	107.3	10	1987	79.2	1938	108.5
1939	81.0	11	1945	82.3	1939	81.3	11	1939	81.3	1939	82.3
1940	81.0	12	1936	88.7	1940	81.7	12	1940	81.7	1940	82.2
1941	69.5	13	1966	89.5	1941	69.9	13	1979	82.6	1941	70.5
1942	90.6	14	1942	90.6	1942	91.0	14	1945	83.3	1942	91.9
1943	117.4	15	1935	90.9	1943	118.5	15	1966	89.3	1943	119.5
1944	60.2	16	1963	94.1	1944	60.3	16	1936	89.5	1944	60.8
1945	82.3	17	1968	95.6	1945	83.3	17	1985	90.5	1945	83.8
1946	111.4	18	1970	96.1	1946	111.8	18	1942	91.0	1946	112.7
1947	106.2	19	1955	96.4	1947	106.7	19	1935	91.0	1947	107.3
1948	131.0	20	1962	96.9	1948	131.4	20	1989	93.2	1948	132.1
1949	101.9	21	1949	101.9	1949	102.5	21	1963	94.7	1949	102.9
1950	123.8	22	1960	102.1	1950	124.9	22	1968	95.5	1950	125.8
1951	124.5	23	1978	104.6	1951	125.0	23	1955	96.9	1951	125.3
1952	112.9	24	1953	105.8	1952	113.5	24	1970	97.0	1952	113.8
1953	105.8	25	1938	106.1	1953	106.8	25	1962	97.2	1953	107.0
1954	118.0	26	1932	106.2	1954	118.3	26	1980	97.8	1954	118.7
1955	96.4	27	1947	106.2	1955	96.9	27	1949	102.5	1955	97.9
1956	140.1	28	1964	106.7	1956	141.0	28	1960	102.5	1956	141.8
1957	112.3	29	1958	107.2	1957	112.7	29	1981	104.5	1957	113.1
1958	107.2	30	1933	108.1	1958	107.6	30	1978	104.7	1958	108.1
1959	117.8	31	1934	110.6	1959	118.8	31	1932	106.7	1959	119.5
1960	102.1	32	1961	111.3	1960	102.5	32	1947	106.7	1960	103.4
1961	111.3	33	1946	111.4	1961	111.4	33	1953	106.8	1961	112.1
1962	96.9	34	1975	111.4	1962	97.2	34	1938	107.3	1962	98.2
1963	94.1	35	1957	112.3	1963	94.7	35	1964	107.3	1963	95.5
1964	106.7	36	1967	112.6	1964	107.3	36	1958	107.6	1964	107.1
1965	125.7	37	1952	112.9	1965	126.1	37	1933	108.4	1965	126.4
1966	89.5	38	1943	117.4	1966	89.3	38	1934	110.6	1966	90.1
1967	112.6	39	1959	117.8	1967	113.7	39	1961	111.4	1967	113.9
1968	95.6	40	1954	118.0	1968	95.5	40	1946	111.8	1968	95.8
1969	122.1	41	1969	122.1	1969	122.4	41	1975	111.9	1969	121.9
1970	96.1	42	1976	122.1	1970	97.0	42	1957	112.7	1970	97.2
1971	138.5	43	1950	123.8	1971	138.9	43	1986	112.9	1971	138.8
1972	152.5	44	1951	124.5	1972	152.5	44	1952	113.5	1972	152.2
1973	70.9	45	1965	125.7	1973	71.2	45	1967	113.7	1973	70.7
1974	156.1	46	1948	131.0	1974	156.9	46	1954	118.3	1974	157.0
1975	111.4	47	1971	138.5	1975	111.9	47	1943	118.5	1975	111.0
1976	122.1	48	1956	140.1	1976	122.7	48	1959	118.8	1976	122.1
1977	53.5	49	1972	152.5	1977	53.8	49	1969	122.4	1977	53.8
1978	104.6	50	1974	156.1	1978	104.7	50	1976	122.7	1978	104.2
					1979	82.6	51	1983	123.4	1979	82.1
					1980	97.8	52	1984	123.7	1980	97.6
					1981	104.5	53	1950	124.9	1981	105.0
					1982	134.9	54	1951	125.0	1982	134.7
					1983	123.4	55	1965	126.1	1983	122.9
					1984	123.7	56	1948	131.4	1984	123.1
					1985	90.5	57	1982	134.9	1985	89.6
					1986	112.9	58	1971	138.9	1986	112.8
					1987	79.2	59	1956	141.0	1987	78.7
					1988	76.0	60	1972	152.5	1988	75.5
					1989	93.2	61	1974	156.9	1989	92.7
					1990	102.9	62	1965	126.4	1990	102.9
					1991	112.2	63	1948	132.1	1991	112.2
					1992	73.0	64	1982	134.7	1992	73.0
					1993	90.0	65	1996	138.8	1993	90.0
					1994	75.7	66	1971	138.8	1994	75.7
					1995	106.1	67	1956	141.8	1995	106.1
					1996	138.8	68	1972	152.2	1996	138.8
					1997	158.6	69	1974	157.0	1997	158.6
					1998	106.0	70	1997	158.6	1998	106.0

