

LCRA WMP WAM MODEL RESULTS

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November 8 Version

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Page 1 Instream flow condition are color-coded. Storage values reported for the end of the February, June and October determine instream flow conditions for March-June, July-October and November-February respectively.

Page 2 Bay inflow condition are color-coded. Storage values reported at end of February, June and October determine bay inflow conditions for March-June, July-October and November-February respectively. The color-coding from this page is also used on pages 4, 5, 6, 7, 8, and 9.

Page 3 Total flow at Wharton gage. Streamflow values are presented in cubic feet per second (cfs) for comparison to the monthly subsistence criteria (shown at bottom of page). Months when combined storage is below 900,000 acre-feet are highlighted. Months when flow is less than subsistence are indicated in bold/underline.

Model Version for November 8, 2018

11/05/2018 Instream flow condition (base average, base dry, subsistence) shown on LCRA System Storage
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	BASE AVERAGE
	BASE DRY
	SUBSISTENCE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1940	1,971,754	1,976,435	1,953,714	1,996,717	1,953,496	1,953,496	1,953,496	1,921,982	1,852,237	1,834,296	1,949,474	1,996,717
1941	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,953,496	1,901,938	1,888,807	1,953,496	1,955,016	1,956,562
1942	1,941,982	1,925,350	1,900,915	1,996,717	1,953,496	1,933,043	1,860,752	1,875,658	1,913,397	1,953,496	1,976,349	1,977,770
1943	1,959,964	1,937,395	1,919,573	1,892,287	1,814,402	1,813,535	1,749,977	1,654,540	1,628,706	1,603,060	1,589,487	1,590,030
1944	1,655,336	1,724,322	1,792,194	1,782,356	1,953,496	1,931,123	1,839,687	1,866,123	1,852,483	1,857,782	1,856,330	1,912,174
1945	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,913,277	1,903,341	1,833,355	1,818,842	1,824,854	1,804,431
1946	1,820,323	1,852,020	1,856,721	1,898,315	1,953,496	1,885,031	1,789,128	1,703,956	1,714,359	1,716,169	1,751,851	1,781,645
1947	1,933,862	1,957,306	1,993,605	1,996,717	1,944,326	1,859,145	1,752,995	1,649,403	1,568,890	1,532,543	1,504,943	1,514,469
1948	1,501,738	1,495,527	1,484,025	1,472,610	1,453,100	1,442,307	1,420,708	1,324,146	1,275,995	1,240,594	1,210,550	1,190,949
1949	1,191,118	1,234,996	1,280,943	1,417,977	1,499,222	1,487,057	1,430,422	1,381,803	1,346,437	1,335,152	1,312,353	1,307,118
1950	1,307,929	1,328,951	1,302,698	1,310,774	1,293,257	1,220,745	1,160,490	1,111,448	1,106,785	1,077,205	1,054,787	1,037,646
1951	1,021,123	1,012,562	997,611	973,416	1,032,914	1,136,792	1,062,726	1,002,191	960,581	914,107	885,038	867,451
1952	857,881	844,681	820,458	873,133	977,739	937,092	893,497	831,115	1,774,745	1,738,741	1,755,428	1,844,940
1953	1,875,545	1,887,382	1,884,683	1,866,227	1,930,110	1,809,157	1,718,846	1,659,510	1,607,577	1,637,831	1,608,122	1,586,529
1954	1,576,033	1,544,902	1,498,022	1,534,739	1,527,488	1,370,060	1,255,668	1,150,361	1,075,357	1,046,888	1,048,631	1,030,174
1955	1,032,702	1,037,320	1,001,231	962,740	1,352,110	1,427,565	1,439,796	1,440,532	1,565,626	1,560,237	1,534,551	1,510,219
1956	1,489,481	1,482,715	1,433,129	1,405,543	1,600,287	1,466,375	1,362,438	1,265,708	1,185,154	1,147,089	1,120,555	1,099,738
1957	1,084,990	1,084,438	1,109,250	1,693,305	1,953,496	1,953,496	1,912,758	1,872,986	1,866,883	1,953,496	1,956,717	1,996,717
1958	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,895,727	1,851,334	1,882,302	1,923,918	1,943,613	1,948,237
1959	1,956,810	1,970,154	1,954,055	1,975,740	1,941,447	1,953,496	1,953,496	1,919,715	1,881,845	1,953,496	1,965,059	1,986,836
1960	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,865,332	1,825,535	1,931,674	1,899,083	1,953,496	1,961,748	1,996,717
1961	1,996,717	1,996,717	1,996,717	1,990,962	1,938,803	1,953,496	1,953,496	1,911,917	1,912,875	1,928,428	1,937,433	1,939,980
1962	1,933,671	1,915,472	1,895,436	1,883,266	1,801,065	1,759,668	1,700,356	1,618,222	1,588,669	1,625,664	1,612,660	1,606,642
1963	1,593,926	1,591,674	1,556,366	1,523,470	1,505,301	1,400,398	1,294,949	1,210,404	1,161,895	1,136,436	1,158,160	1,155,510
1964	1,166,498	1,193,321	1,215,493	1,222,330	1,183,143	1,128,328	1,065,073	1,045,312	1,481,447	1,510,007	1,568,194	1,575,145
1965	1,600,999	1,778,055	1,798,544	1,806,434	1,953,496	1,953,496	1,883,819	1,807,282	1,799,063	1,789,340	1,807,593	1,852,430
1966	1,874,701	1,904,170	1,906,094	1,975,798	1,953,496	1,787,725	1,781,147	1,761,655	1,804,839	1,780,898	1,764,638	1,753,783
1967	1,734,848	1,727,620	1,696,542	1,663,620	1,626,658	1,487,127	1,425,888	1,348,342	1,357,475	1,372,981	1,400,188	1,402,654
1968	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,945,341	1,881,275	1,856,246	1,832,139	1,821,710	1,814,073
1969	1,799,707	1,792,218	1,793,294	1,877,439	1,937,522	1,872,560	1,791,663	1,752,868	1,730,132	1,953,496	1,979,263	1,996,717
1970	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,948,559	1,878,842	1,812,680	1,796,278	1,781,484	1,764,831	1,759,040
1971	1,746,252	1,731,281	1,702,827	1,662,483	1,594,182	1,447,668	1,439,824	1,722,236	1,852,839	1,953,496	1,983,131	1,996,717
1972	1,996,717	1,996,717	1,971,261	1,946,605	1,953,496	1,896,202	1,825,465	1,792,447	1,761,024	1,751,988	1,756,210	1,750,921
1973	1,767,516	1,807,261	1,820,415	1,839,408	1,780,212	1,759,817	1,799,147	1,789,931	1,777,927	1,953,496	1,965,018	1,967,843
1974	1,979,840	1,966,480	1,946,646	1,919,120	1,953,496	1,860,460	1,778,376	1,953,496	1,953,496	1,953,496	1,996,717	1,996,717
1975	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,953,496	1,928,036	1,901,298	1,887,039	1,871,689	1,867,304
1976	1,858,087	1,841,685	1,828,844	1,852,122	1,809,997	1,763,018	1,953,496	1,900,922	1,941,355	1,953,496	1,976,828	1,990,848
1977	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,908,340	1,835,448	1,761,587	1,709,036	1,681,016	1,677,404	1,669,896
1978	1,669,128	1,678,221	1,666,656	1,641,544	1,577,417	1,469,053	1,380,848	1,686,169	1,741,475	1,718,510	1,736,623	1,747,019
1979	1,787,207	1,863,421	1,947,139	1,996,717	1,953,496	1,953,496	1,950,429	1,946,231	1,899,549	1,868,387	1,849,159	1,839,599
1980	1,827,903	1,816,219	1,798,766	1,769,373	1,781,261	1,675,881	1,568,705	1,463,011	1,755,413	1,768,471	1,769,797	1,781,955
1981	1,785,129	1,785,408	1,844,058	1,870,359	1,836,729	1,953,496	1,928,726	1,890,358	1,871,498	1,953,496	1,957,105	1,953,953
1982	1,942,385	1,930,400	1,933,483	1,916,737	1,923,924	1,950,419	1,902,224	1,827,213	1,768,536	1,734,841	1,725,717	1,716,847
1983	1,716,924	1,728,544	1,753,280	1,721,841	1,765,591	1,753,950	1,687,644	1,630,218	1,579,211	1,558,615	1,549,855	1,534,547
1984	1,522,464	1,504,017	1,489,670	1,443,063	1,350,991	1,210,636	1,108,628	1,046,493	999,447	1,150,083	1,154,561	1,153,657
1985	1,534,851	1,603,144	1,704,913	1,721,912	1,693,127	1,676,115	1,601,213	1,517,209	1,470,423	1,661,380	1,681,425	1,713,264
1986	1,112,570	1,777,785	1,768,344	1,744,976	1,765,485	1,953,496	1,875,741	1,815,223	1,848,924	1,953,496	1,979,272	1,996,717
1987	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,950,549	1,915,196	1,938,433	1,930,390	1,945,872	1,956,701
1988	1,948,202	1,938,615	1,920,934	1,891,534	1,843,671	1,797,733	1,820,958	1,730,765	1,679,513	1,645,398	1,619,765	1,609,218
1989	1,623,021	1,649,317	1,653,459	1,632,495	1,678,519	1,678,041	1,583,708	1,488,113	1,426,544	1,393,233	1,377,378	1,366,577
1990	1,359,739	1,367,577	1,407,263	1,601,267	1,875,478	1,791,052	1,797,558	1,760,999	1,799,612	1,791,466	1,802,806	1,790,311
1991	1,842,588	1,864,996	1,845,034	1,832,539	1,771,721	1,748,583	1,688,790	1,633,760	1,680,950	1,702,405	1,732,430	1,996,717
1992	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,946,243	1,906,978	1,909,363	1,924,342	1,961,702	1,995,022
1993	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,909,950	1,832,127	1,741,958	1,717,021	1,709,718	1,706,742	1,705,488
1994	1,717,149	1,738,075	1,749,746	1,734,543	1,951,701	1,857,192	1,772,485	1,718,151	1,703,647	1,726,222	1,760,604	1,844,860
1995	1,880,523	1,898,030	1,949,408	1,996,717	1,953,496	1,953,496	1,881,111	1,811,544	1,787,136	1,760,985	1,769,992	1,771,530
1996	1,755,809	1,742,004	1,720,512	1,681,736	1,586,772	1,477,436	1,403,756	1,390,222	1,417,689	1,643,846	1,685,201	1,743,464
1997	1,758,024	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,953,496	1,947,089	1,909,503	1,905,736	1,907,355	1,931,003
1998	1,954,091	1,996,717	1,996,717	1,996,717	1,953,496	1,819,985	1,746,921	1,739,815	1,720,264	1,809,522	1,880,581	1,910,895
1999	1,928,315	1,911,192	1,979,213	1,961,760	1,953,496	1,885,110	1,808,029	1,720,867	1,653,850	1,620,131	1,588,864	1,568,915
2000	1,549,589	1,550,691	1,531,652	1,506,483	1,454,373	1,434,912	1,332,221	1,246,936	1,191,299	1,249,834	1,986,885	1,996,717
2001	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,871,387	1,790,043	1,740,679	1,728,313	1,724,641	1,950,193	1,957,711
2002	1,966,731	1,973,516	1,966,364	1,945,206	1,869,411	1,834,600	1,953,496	1,914,158	1,891,100	1,947,089	1,962,190	1,974,795
2003	1,982,368	1,996,717	1,996,717	1,980,194	1,915,128	1,920,324	1,856,838	1,790,344	1,785,630	1,825,073	1,805,431	1,784,233
2004	1,792,101	1,800,972	1,825,826	1,996,717	1,953,496	1,953,496	1,943,006	1,953,496	1,915,864	1,939,923	1,996,717	1,996,717
2005	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,896,568	1,828,845	1,837,959	1,754,873	1,723,890	1,700,442	1,680,172
2006	1,668,380											

Model Version for November 8, 2018

11/05/2018 Bay inflow condition (OP604, OP603, OP602, OP601, Threshold) shown on LCRA System Storage

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	OP604		OP603		OP602		OP601		THRESHOLD			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1940	1,971,754	1,976,435	1,953,714	1,996,717	1,953,496	1,953,496	1,953,496	1,921,982	1,852,237	1,834,296	1,949,474	1,996,717
1941	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,953,496	1,901,938	1,888,807	1,953,496	1,955,016	1,956,562
1942	1,941,982	1,925,350	1,900,915	1,996,717	1,953,496	1,939,043	1,860,752	1,875,658	1,913,397	1,953,496	1,976,349	1,977,770
1943	1,959,964	1,937,395	1,919,573	1,892,287	1,814,402	1,813,535	1,749,977	1,654,540	1,628,706	1,603,060	1,589,487	1,590,030
1944	1,655,336	1,724,322	1,792,194	1,782,356	1,953,496	1,931,123	1,839,687	1,866,123	1,852,483	1,857,782	1,856,330	1,912,174
1945	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,913,277	1,903,341	1,833,355	1,818,842	1,824,854	1,804,431	1,799,316
1946	1,820,323	1,852,020	1,856,721	1,898,315	1,953,496	1,885,031	1,789,128	1,703,956	1,714,359	1,716,169	1,751,851	1,781,645
1947	1,933,862	1,957,306	1,993,605	1,996,717	1,944,326	1,859,145	1,752,995	1,649,403	1,568,890	1,532,543	1,504,943	1,514,469
1948	1,501,738	1,495,527	1,484,025	1,472,610	1,453,100	1,442,307	1,420,708	1,324,146	1,275,995	1,240,594	1,210,550	1,190,949
1949	1,191,118	1,234,996	1,280,943	1,417,977	1,499,222	1,487,057	1,430,422	1,381,803	1,346,437	1,335,152	1,312,353	1,307,118
1950	1,307,929	1,328,951	1,302,698	1,310,774	1,293,257	1,220,745	1,160,490	1,111,448	1,106,785	1,077,205	1,054,787	1,037,646
1951	1,021,123	1,012,562	997,611	973,416	1,032,914	1,136,792	1,062,726	1,002,191	960,581	914,107	885,038	867,451
1952	857,881	844,681	820,458	873,133	977,739	937,092	893,497	831,115	774,745	738,741	755,428	1,844,940
1953	1,875,545	1,887,382	1,884,683	1,866,227	1,930,110	1,809,157	1,718,846	1,659,510	1,607,577	1,637,831	1,608,122	1,586,529
1954	1,576,033	1,544,902	1,498,022	1,534,739	1,527,488	1,370,060	1,255,668	1,150,361	1,075,357	1,046,888	1,048,631	1,030,174
1955	1,032,702	1,037,320	1,001,231	962,740	1,352,110	1,427,565	1,439,796	1,440,532	1,565,626	1,560,237	1,534,551	1,510,219
1956	1,489,481	1,482,715	1,433,129	1,405,543	1,600,287	1,466,375	1,362,438	1,265,708	1,185,154	1,147,089	1,120,555	1,099,738
1957	1,084,990	1,084,438	1,109,250	1,693,305	1,953,496	1,953,496	1,912,758	1,872,986	1,866,883	1,953,496	1,996,717	1,996,717
1958	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,895,727	1,851,334	1,882,302	1,923,918	1,943,613	1,948,237
1959	1,956,810	1,970,154	1,954,055	1,975,740	1,941,447	1,953,496	1,953,496	1,919,715	1,881,845	1,953,496	1,965,059	1,986,836
1960	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,865,332	1,826,535	1,931,674	1,899,083	1,953,496	1,961,748	1,996,717
1961	1,996,717	1,996,717	1,996,717	1,990,962	1,938,803	1,953,496	1,953,496	1,911,917	1,912,875	1,928,428	1,937,433	1,939,980
1962	1,933,671	1,915,472	1,895,436	1,883,266	1,801,065	1,759,668	1,700,356	1,618,222	1,588,669	1,625,666	1,612,660	1,606,642
1963	1,593,926	1,591,674	1,556,366	1,523,470	1,505,301	1,400,398	1,294,949	1,210,404	1,161,895	1,136,436	1,156,160	1,155,510
1964	1,166,498	1,193,321	1,215,493	1,222,330	1,183,143	1,128,328	1,065,073	1,045,312	1,481,447	1,510,007	1,568,194	1,575,145
1965	1,600,999	1,778,055	1,798,544	1,806,434	1,953,496	1,953,496	1,883,819	1,807,282	1,799,063	1,789,340	1,807,593	1,852,433
1966	1,874,701	1,904,170	1,906,094	1,975,798	1,953,496	1,877,725	1,781,147	1,761,655	1,804,839	1,780,898	1,764,638	1,753,780
1967	1,734,848	1,727,620	1,696,542	1,663,620	1,626,658	1,487,127	1,425,888	1,348,342	1,357,475	1,372,981	1,400,188	1,402,654
1968	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,945,341	1,881,275	1,856,246	1,832,139	1,821,710	1,814,073
1969	1,799,707	1,792,218	1,793,294	1,877,439	1,937,522	1,872,560	1,791,663	1,752,868	1,730,132	1,953,496	1,929,263	1,996,717
1970	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,948,559	1,878,842	1,812,680	1,796,278	1,781,484	1,764,831	1,759,040
1971	1,746,252	1,731,281	1,702,827	1,662,483	1,594,182	1,447,668	1,439,824	1,722,236	1,852,839	1,953,496	1,983,131	1,996,717
1972	1,996,717	1,996,717	1,971,261	1,946,605	1,953,496	1,896,202	1,825,465	1,792,447	1,761,024	1,751,988	1,756,210	1,970,921
1973	1,767,516	1,807,261	1,820,415	1,839,408	1,780,212	1,759,817	1,799,147	1,789,931	1,777,927	1,953,496	1,965,018	1,967,843
1974	1,979,840	1,966,480	1,946,646	1,919,120	1,953,496	1,860,460	1,778,376	1,953,496	1,953,496	1,953,496	1,996,717	1,996,717
1975	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,953,496	1,928,036	1,901,298	1,887,039	1,871,689	1,867,304
1976	1,858,087	1,841,685	1,828,844	1,852,122	1,809,997	1,763,018	1,953,496	1,900,922	1,941,355	1,953,496	1,976,828	1,990,848
1977	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,908,340	1,835,448	1,761,587	1,709,036	1,681,016	1,677,404	1,669,896
1978	1,669,128	1,678,221	1,666,656	1,641,544	1,577,417	1,469,053	1,380,848	1,686,169	1,741,475	1,718,510	1,736,623	1,747,019
1979	1,787,207	1,863,421	1,947,139	1,996,717	1,953,496	1,953,496	1,950,429	1,946,231	1,899,549	1,868,387	1,849,159	1,839,599
1980	1,827,903	1,816,219	1,798,766	1,769,373	1,781,261	1,675,881	1,568,705	1,463,011	1,755,413	1,768,471	1,769,797	1,781,955
1981	1,785,129	1,785,408	1,844,058	1,870,359	1,836,729	1,953,496	1,928,726	1,890,358	1,871,498	1,953,496	1,957,105	1,953,953
1982	1,942,385	1,930,400	1,933,483	1,916,737	1,923,924	1,950,419	1,902,224	1,827,213	1,768,536	1,734,841	1,725,717	1,716,847
1983	1,716,924	1,728,544	1,753,280	1,721,841	1,765,591	1,753,950	1,687,644	1,630,218	1,579,211	1,558,615	1,549,855	1,534,547
1984	1,522,464	1,504,017	1,489,670	1,443,063	1,350,991	1,210,636	1,108,628	1,046,493	999,447	1,150,083	1,154,561	1,353,657
1985	1,534,851	1,603,144	1,704,913	1,721,912	1,693,127	1,676,115	1,601,213	1,517,209	1,470,423	1,661,380	1,681,425	1,713,264
1986	1,712,570	1,777,785	1,768,344	1,744,976	1,765,485	1,953,496	1,875,741	1,815,223	1,848,924	1,953,496	1,979,272	1,996,717
1987	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,950,549	1,915,196	1,938,433	1,930,390	1,945,872	1,956,701
1988	1,948,202	1,938,615	1,920,934	1,891,534	1,843,671	1,797,733	1,820,958	1,730,765	1,679,513	1,645,398	1,619,765	1,609,218
1989	1,623,021	1,649,317	1,653,459	1,632,495	1,678,519	1,678,041	1,583,708	1,488,113	1,426,544	1,363,233	1,377,378	1,366,577
1990	1,359,739	1,367,577	1,407,263	1,601,267	1,875,478	1,791,052	1,797,558	1,760,999	1,799,612	1,791,466	1,802,806	1,790,311
1991	1,842,588	1,864,996	1,845,034	1,832,539	1,771,721	1,748,583	1,688,790	1,633,760	1,680,950	1,702,405	1,732,430	1,996,717
1992	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,946,243	1,906,978	1,909,363	1,924,342	1,961,702	1,995,022
1993	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,909,950	1,832,127	1,741,958	1,717,021	1,709,718	1,706,742	1,705,488
1994	1,717,149	1,738,075	1,749,746	1,734,543	1,951,701	1,857,192	1,772,485	1,718,151	1,703,647	1,726,222	1,760,604	1,844,860
1995	1,880,523	1,898,030	1,949,408	1,996,717	1,953,496	1,953,018	1,881,111	1,811,544	1,787,136	1,760,985	1,769,992	1,771,530
1996	1,755,809	1,742,004	1,720,512	1,681,736	1,586,772	1,477,436	1,403,756	1,390,222	1,417,689	1,643,846	1,685,201	1,743,464
1997	1,758,024	1,996,717	1,996,717	1,996,717	1,953,496	1,953,496	1,953,496	1,947,089	1,909,503	1,905,736	1,907,355	1,931,003
1998	1,954,091	1,996,717	1,996,717	1,996,717	1,926,684	1,918,985	1,746,921	1,739,815	1,720,264	1,809,522	1,808,581	1,910,895
1999	1,928,315	1,911,192	1,979,213	1,961,760	1,953,496	1,885,110	1,808,029	1,720,867	1,653,850	1,620,131	1,588,864	1,568,915
2000	1,549,589	1,550,691	1,531,652	1,506,483	1,454,373	1,434,912	1,332,221	1,246,936	1,191,299	1,249,834	1,986,885	1,996,717
2001	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,871,387	1,790,043	1,740,679	1,728,313	1,724,641	1,950,193	1,957,711
2002	1,966,731	1,973,516	1,966,364	1,945,206	1,869,411	1,834,600	1,953,496	1,914,158	1,891,100	1,947,089	1,962,190	1,974,795
2003	1,982,368	1,996,717	1,996,717	1,980,194	1,915,128	1,920,324	1,856,838	1,790,344	1,785,630	1,825,073	1,805,431	1,784,233
2004	1,792,101	1,800,972	1,825,826	1,996,717	1,953,496	1,953,496	1,943,006	1,953,496	1,915,864	1,939,923	1,996,717	1,996,717
2005	1,996,717	1,996,717	1,996,717	1,996,717	1,953,496	1,896,568	1,828,845	1,837,959	1,754,873	1,723,890	1,700,442	1,680,172
2006	1,668,380	1,656,4										

Model Version for November 8, 2018

11/05/2018 Total flow at Wharton gage (average monthly flow in cfs)

09:19 AM Subsistence Criteria and Number of Months Flow was Below Criteria Shown at Bottom of Page

	HL STORAGE BELOW 900K
bold/under	Flow Below Subsistence

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1940	433	953	367	1,050	1,780	5,250	10,173	438	228	941	11,963	10,434
1941	3,696	5,095	7,075	11,130	21,127	15,939	5,434	1,704	788	5,159	1,726	1,102
1942	696	891	645	6,861	4,595	644	3,638	869	1,201	3,915	1,563	1,071
1943	1,357	1,442	1,228	550	646	1,455	898	321	636	434	683	907
1944	2,416	2,301	3,607	899	4,947	818	351	1,388	1,129	538	2,397	3,218
1945	5,344	4,641	4,871	9,423	1,449	1,524	673	1,348	945	978	833	1,119
1946	2,378	3,101	4,524	1,473	5,060	4,829	2,118	361	2,009	1,104	4,955	2,039
1947	3,664	1,135	1,903	1,258	861	515	287	2,096	826	409	658	570
1948	426	686	540	334	1,037	1,768	665	699	324	195	448	382
1949	503	3,289	945	5,393	1,263	686	493	250	460	2,153	751	1,501
1950	1,224	2,806	645	2,180	1,394	3,656	376	266	1,232	316	358	452
1951	373	429	407	416	355	994	301	207	651	438	463	442
1952	360	521	465	948	1,504	399	212	126	429	322	599	2,665
1953	1,083	1,024	737	715	3,868	964	612	391	1,168	1,191	989	1,247
1954	733	376	293	755	1,264	931	520	549	365	156	349	301
1955	382	546	338	270	744	505	263	270	1,045	634	526	473
1956	390	704	282	271	1,604	797	529	536	385	237	433	465
1957	340	480	1,315	4,383	16,923	14,181	809	298	4,300	20,878	4,701	2,513
1958	4,067	10,476	4,237	1,910	4,848	3,454	646	362	2,806	1,297	1,955	847
1959	800	1,874	846	7,275	1,195	3,738	1,522	329	295	10,877	1,222	2,011
1960	3,767	4,571	1,573	3,806	2,148	5,537	1,276	779	316	6,040	5,242	4,220
1961	5,934	8,170	2,035	1,011	1,013	13,437	5,762	875	7,671	1,031	1,956	1,250
1962	1,642	978	531	633	997	1,180	717	727	821	551	540	884
1963	673	1,219	446	474	389	999	664	763	519	307	430	431
1964	410	482	470	270	379	842	410	136	768	674	797	596
1965	2,328	4,749	730	643	12,887	2,530	1,118	743	1,052	738	1,993	3,170
1966	1,166	2,009	1,646	1,029	4,359	1,071	479	753	1,413	465	538	516
1967	458	439	308	293	769	973	568	483	1,313	1,141	1,622	676
1968	6,152	3,586	6,105	5,498	9,917	8,078	1,974	801	1,997	623	1,092	2,519
1969	1,032	4,237	2,980	2,919	2,341	1,020	700	579	524	5,029	2,051	2,379
1970	1,981	3,622	8,601	2,702	8,906	1,579	1,026	732	1,016	2,854	759	628
1971	373	375	412	270	334	1,000	1,010	780	1,082	4,435	1,501	2,822
1972	1,789	1,401	909	640	5,305	1,147	653	470	552	731	602	603
1973	1,232	2,227	2,796	4,866	1,862	8,377	1,421	603	1,435	12,125	2,447	964
1974	5,357	1,523	1,000	599	2,812	897	351	4,739	9,686	5,771	8,764	4,000
1975	2,730	8,290	2,648	3,057	14,795	7,361	2,544	1,090	967	775	918	906
1976	751	784	614	3,994	4,532	2,373	1,920	869	465	2,931	2,016	6,022
1977	1,504	4,748	1,791	18,517	4,526	1,246	567	688	746	679	632	617
1978	933	1,014	304	361	373	1,455	394	1,373	2,385	406	1,185	837
1979	3,774	3,393	2,132	3,462	7,051	8,340	1,340	498	1,566	654	730	844
1980	1,262	1,190	587	486	2,930	677	439	750	1,636	638	637	529
1981	530	537	974	1,081	1,905	13,724	1,756	716	3,853	4,072	5,720	1,143
1982	989	774	705	795	5,962	951	448	572	719	757	845	839
1983	848	2,317	3,192	889	2,834	1,099	997	731	775	508	741	714
1984	765	531	315	370	441	910	629	470	460	1,913	794	1,276
1985	2,062	2,172	2,230	1,429	609	1,570	1,044	464	628	1,786	4,793	2,016
1986	1,054	1,213	632	335	2,727	4,334	773	514	1,262	3,748	2,591	11,164
1987	3,920	5,342	4,741	1,303	4,106	27,091	3,791	1,383	1,023	702	1,418	1,277
1988	828	801	1,185	548	943	800	1,376	850	499	434	451	408
1989	959	739	326	603	1,795	1,096	640	794	432	480	485	376
1990	372	459	488	1,163	915	831	1,290	649	1,758	492	480	414
1991	5,268	2,129	694	5,196	1,916	1,619	787	565	783	987	513	24,360
1992	11,144	34,915	17,230	6,259	11,020	10,780	1,502	1,021	1,040	867	1,290	1,344
1993	2,519	3,106	2,626	2,786	4,200	6,300	857	851	677	1,095	714	585
1994	521	673	484	496	2,067	1,896	805	471	820	7,779	1,619	2,933
1995	2,358	876	3,174	2,532	3,634	5,590	1,145	490	491	517	554	774
1996	467	476	382	273	330	1,039	431	686	1,225	401	615	869
1997	1,513	3,962	12,285	8,143	5,200	22,082	6,331	1,283	521	2,949	1,628	2,141
1998	1,943	3,770	6,343	2,255	833	711	392	918	1,380	13,435	10,466	2,876
1999	1,746	914	1,594	1,714	2,130	1,951	1,093	488	321	305	422	399
2000	475	556	361	279	748	1,367	868	487	401	1,138	3,386	1,954
2001	4,064	3,202	6,305	2,304	2,088	628	604	834	2,152	1,998	4,309	4,403
2002	1,845	1,046	944	1,218	1,216	1,032	17,139	780	810	2,111	8,089	6,468
2003	3,749	7,502	4,567	1,138	436	987	499	646	856	786	799	532
2004	1,329	2,487	1,211	1,992	2,651	10,288	2,786	1,932	690	871	21,315	5,905
2005	2,278	6,165	7,073	2,569	2,109	884	870	871	678	533	650	513
2006	460	454	409	462	802	1,117	318	209	503	607	624	744
2007	3,972	928	3,758	2,475	5,327	17,190	15,674	5,406	2,976	1,134	2,712	1,159
2008	942	995	751	324	692	772	464	649	362	318	519	421
2009	398	401	395	2,076	631	721	508	128	453	3,085	1,517	1,725
2010	1,951	4,458	1,306	1,628	1,367	1,053	1,154	318	1,641	429	452	462
2011	434	433	290	270	357	999	556	138	188	187	326	440
2012	2,270	2,898	4,153	614	1,221	418	682	110	255	331	404	349
2013	546	394	363	572	590	408	180	107	188	2,619	3,301	821
2014	651	513	767	269	2,771	960	303	113	525	256	1,047	774
2015	2,051	877	4,048	2,907	13,063	6,734	1,282	391	407	3,063	6,790	3,271
2016	1,565	1,151	2,487	10,473	14,082	15,493	1,647	3,299	1,664	875	1,151	2,349

Criteria	315	303	204	270	304	371	212	107	188	147	173	202
# of months below	0	0	0	1	0	0	1	0	0	0	0	0

Total flow at Wharton gage (average monthly flow in cfs)

Model Version for November 8, 2018

11/05/2018 Operational bay criteria need limited only to storable inflow supply

09:19 AM

	OP604	OP603	OP602	OP601	THRESHOLD									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
1940	0	0	0	0	0	0	0	0	0	2,357	0	0	2,357	
1941	0	0	0	0	0	0	0	0	826	0	0	0	826	
1942	5,632	0	0	0	0	0	0	0	0	0	0	0	5,632	
1943	0	0	1,244	0	0	56,494	0	0	0	1,586	3,816	12,506	75,645	
1944	0	0	0	0	0	0	0	73,496	0	32,789	0	0	106,285	
1945	0	0	0	0	0	0	0	0	11,824	25,820	0	0	37,644	
1946	0	0	0	0	0	0	0	0	0	0	0	0	0	
1947	0	0	24,528	0	0	0	0	0	0	0	0	6,872	31,400	
1948	0	3,720	5,454	6,009	14,375	56,876	0	0	0	0	0	0	86,435	
1949	0	0	0	0	0	0	0	0	0	0	0	0	0	
1950	0	0	0	0	0	0	0	0	0	0	3,018	0	3,018	
1951	0	0	441	0	39,377	18,985	0	0	0	0	0	0	58,803	
1952	0	0	0	0	0	0	0	0	0	0	23,836	0	23,836	
1953	0	0	15,235	0	0	0	0	0	0	16,702	0	0	31,937	
1954	0	0	0	80,449	44,944	0	0	0	0	0	7,045	0	132,438	
1955	4,098	902	0	0	46,423	36,921	33,924	15,062	42,094	7,906	0	0	187,331	
1956	0	3,939	0	0	85,438	0	0	0	0	0	0	0	89,377	
1957	0	2,792	19,901	0	0	0	0	0	0	0	0	0	22,693	
1958	0	0	0	0	0	0	0	0	60,091	0	0	0	60,091	
1959	6,234	0	0	0	0	0	0	0	0	0	0	0	6,234	
1960	0	0	0	0	0	0	0	5,298	0	0	0	0	5,298	
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	
1962	0	0	0	0	0	0	0	0	0	47,999	3,972	7,667	59,638	
1963	2,064	663	0	0	11,853	0	0	0	0	0	12,115	0	26,694	
1964	1,908	3,092	40,273	21,445	0	0	0	0	15,325	3,942	23,919	11,383	121,287	
1965	0	0	0	25,016	0	0	0	0	21,489	1,753	0	0	48,258	
1966	0	0	0	22,113	0	0	0	0	6,125	80,876	0	6,692	121,292	
1967	422	4,043	0	0	0	0	0	0	22,456	729	0	0	27,651	
1968	0	0	0	0	0	0	0	0	0	0	0	0	0	
1969	0	0	0	0	0	0	0	0	1,325	0	0	0	1,325	
1970	0	0	0	0	0	0	0	0	0	0	0	0	0	
1971	5,857	3,857	0	0	0	0	50,000	23,103	0	0	0	0	82,816	
1972	0	0	0	0	0	0	0	0	0	3,304	0	0	3,304	
1973	0	0	0	0	0	0	0	31,566	0	0	0	0	31,566	
1974	0	0	0	0	0	0	0	0	0	0	0	0	0	
1975	0	0	0	0	0	0	0	0	0	7,838	8,544	0	16,382	
1976	7,498	2,467	3,763	0	0	0	0	0	32,107	0	0	0	45,834	
1977	0	0	0	0	0	0	0	0	0	0	12,426	12,345	24,771	
1978	784	0	4,296	0	0	0	0	51,235	0	0	1,470	0	57,785	
1979	0	0	0	0	0	0	0	0	0	0	0	748	748	
1980	0	0	0	0	0	0	0	0	85,974	15,047	13,458	20,402	134,881	
1981	9,777	7,034	84,925	66,089	36,407	0	0	1,695	0	0	0	0	205,926	
1982	0	0	19,813	0	0	0	0	0	0	0	3,526	0	23,340	
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	
1984	0	0	2,883	0	0	0	0	0	0	0	0	0	2,883	
1985	0	0	0	0	0	0	0	0	0	72,790	0	0	72,790	
1986	0	0	12,991	0	48,045	0	0	0	57,265	0	0	0	118,301	
1987	0	0	0	0	0	0	0	0	16,601	17,523	0	0	34,124	
1988	0	4,243	0	0	0	0	83,669	0	0	0	0	6,152	94,063	
1989	4,971	0	16,676	0	83,314	11,297	0	0	0	0	3,814	7,031	127,103	
1990	5,445	11,551	47,381	53,013	28,987	0	79,486	8,397	78,603	6,460	11,881	5,232	336,437	
1991	0	0	0	0	0	0	0	0	74,659	41,574	5,210	0	121,443	
1992	0	0	0	0	0	0	0	0	32,853	41,634	0	0	74,487	
1993	0	0	0	0	0	0	0	0	346	10,385	0	0	10,731	
1994	10,245	8,291	26,757	1,062	46,674	0	0	0	15,281	0	0	0	108,310	
1995	0	0	0	0	0	0	0	0	0	0	19,525	0	19,525	
1996	0	4,878	0	0	0	0	0	13,357	0	7,908	25,677	0	51,820	
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998	0	0	0	0	0	0	0	36,892	0	0	0	0	36,892	
1999	0	0	19,880	0	0	0	0	0	0	0	0	0	19,880	
2000	0	12,418	0	0	0	25,099	0	0	0	55,657	0	0	93,174	
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	14,665	61,944	0	0	76,608	
2004	0	0	0	0	0	0	0	0	0	22,903	0	0	22,903	
2005	0	0	0	0	0	0	0	60,001	0	0	0	819	60,820	
2006	4,798	1,725	0	363	31,149	0	0	0	0	153	0	0	38,189	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	0	285	4,594	0	0	0	0	0	0	0	0	0	4,879	
2009	0	489	633	37,848	0	0	0	0	1,816	0	0	0	40,787	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	1,119	0	1,119	
AVG	906	992	4,567	4,070	6,714	2,671	3,209	4,237	8,656	6,581	2,481	1,255	46,338	
MAX	10,245	12,418	84,925	80,449	85,438	56,876	83,669	73,496	85,974	72,790	25,677	20,402	336,437	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0	

Operational bay criteria need limited only to storable inflow supply

Model Version for November 8, 2018

11/05/2018 Theoretical bay operational release without 15K 50/60% rule

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	OP604		OP603		OP602		OP601		THRESHOLD				
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	0	0	0	0	0	0	0	0	2,357	0	0	2,357
1941	0	0	0	0	0	0	0	0	826	0	0	0	826
1942	5,632	0	0	0	0	0	0	0	0	0	0	0	5,632
1943	0	0	1,244	0	0	56,494	0	0	0	1,586	3,816	12,506	75,645
1944	0	0	0	0	0	0	0	73,496	0	32,789	0	0	106,285
1945	0	0	0	0	0	0	0	0	11,824	25,820	0	0	37,644
1946	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	0	0	24,528	0	0	0	0	0	0	0	0	6,872	31,400
1948	0	3,720	5,454	6,009	14,375	56,876	0	5,454	0	0	0	0	86,435
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	23,836	0	23,836
1953	0	0	15,235	0	0	0	0	0	0	16,702	0	0	31,937
1954	0	0	0	77,332	44,944	0	0	0	0	0	7,045	0	129,320
1955	4,098	902	0	0	0	0	33,924	15,062	42,094	7,906	0	0	103,986
1956	0	3,939	0	0	75,460	0	0	0	0	0	0	0	79,399
1957	0	2,792	0	0	0	0	0	0	0	0	0	0	2,792
1958	0	0	0	0	0	0	0	0	60,091	0	0	0	60,091
1959	6,234	0	0	0	0	0	0	0	0	0	0	0	6,234
1960	0	0	0	0	0	0	0	5,298	0	0	0	0	5,298
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	47,999	0	3,972	7,667	59,638
1963	2,064	663	0	0	11,853	0	0	0	0	0	12,115	0	26,694
1964	1,908	3,092	0	0	0	0	0	0	0	0	23,919	11,383	40,302
1965	0	0	0	25,016	0	0	0	0	21,489	1,753	0	0	48,258
1966	0	0	0	22,113	0	0	0	6,125	80,180	0	6,692	5,487	120,597
1967	422	4,043	0	0	0	0	0	0	22,456	729	0	0	27,651
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	1,325	0	0	0	1,325
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	5,857	3,857	0	0	0	0	43,393	23,103	0	0	0	0	76,209
1972	0	0	0	0	0	0	0	0	0	3,304	0	0	3,304
1973	0	0	0	0	0	0	0	31,566	0	0	0	0	31,566
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	7,838	8,544	0	16,382
1976	7,498	2,467	3,763	0	0	0	0	0	32,107	0	0	0	45,834
1977	0	0	0	0	0	0	0	0	0	0	12,426	12,345	24,771
1978	784	0	4,296	0	0	0	0	51,235	0	0	1,470	0	57,785
1979	0	0	0	0	0	0	0	0	0	0	0	748	748
1980	0	0	0	0	0	0	0	0	71,953	15,047	13,458	20,402	120,860
1981	9,777	7,034	82,000	66,089	36,407	0	0	1,695	0	0	0	0	203,001
1982	0	0	19,813	0	0	0	0	0	0	0	3,526	0	23,340
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	2,883	0	0	0	0	0	0	0	0	0	2,883
1985	0	0	0	0	0	0	0	0	0	72,790	0	0	72,790
1986	0	0	12,991	0	48,045	0	0	0	57,265	0	0	0	118,301
1987	0	0	0	0	0	0	0	0	16,601	17,523	0	0	34,124
1988	0	4,243	0	0	0	0	72,469	0	0	0	0	6,152	82,863
1989	4,971	0	16,676	0	82,000	11,297	0	0	0	0	3,814	7,031	125,789
1990	5,445	11,551	47,381	53,013	28,987	0	69,261	8,397	69,036	6,460	11,881	5,232	316,645
1991	0	0	0	0	0	0	0	0	68,577	41,574	5,210	0	115,362
1992	0	0	0	0	0	0	0	0	32,853	41,634	0	0	74,487
1993	0	0	0	0	0	0	0	0	346	10,385	0	0	10,731
1994	10,245	8,291	26,757	1,062	46,674	0	0	0	15,281	0	0	0	108,310
1995	0	0	0	0	0	0	0	0	0	0	19,525	0	19,525
1996	0	4,878	0	0	0	0	0	13,357	0	7,908	25,677	0	51,820
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	36,892	0	0	0	0	36,892
1999	0	0	19,880	0	0	0	0	0	0	0	0	0	19,880
2000	0	12,418	0	0	0	25,099	0	0	0	41,750	0	0	79,267
2001	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	14,665	61,944	0	0	76,608
2004	0	0	0	0	0	0	0	0	0	22,903	0	0	22,903
2005	0	0	0	0	0	0	0	60,001	0	0	0	819	60,820
2006	4,798	1,725	0	363	31,149	0	0	0	0	153	0	0	38,189
2007	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	285	4,594	0	0	0	0	0	0	0	0	0	4,879
2009	0	489	633	37,848	0	0	0	0	0	0	0	0	38,971
2010	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	1,119	0	1,119
AVG	906	992	3,742	3,751	5,453	1,945	2,845	4,237	8,039	6,349	2,442	1,255	41,955
MAX	10,245	12,418	82,000	77,332	82,000	56,876	72,469	73,496	80,180	72,790	25,677	20,402	316,645
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

Theoretical bay operational release without 15K 50/60% rule

Model Version for November 8, 2018

11/05/2018 Actual bay operational release with 15K 50/60% rule

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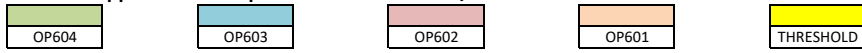
	OP604		OP603		OP602		OP601		THRESHOLD				
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	0	0	0	0	0	0	0	0	2,357	0	0	2,357
1941	0	0	0	0	0	0	0	0	826	0	0	0	826
1942	5,632	0	0	0	0	0	0	0	0	0	0	0	5,632
1943	0	0	1,244	0	0	39,896	0	0	0	1,586	3,816	12,505	59,048
1944	0	0	0	0	0	0	0	61,843	0	25,484	0	0	87,327
1945	0	0	0	0	0	0	0	0	11,824	24,421	0	0	36,245
1946	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	0	0	20,717	0	0	0	0	0	0	0	0	6,872	27,588
1948	0	3,720	5,454	6,009	14,375	56,876	0	0	0	0	0	0	86,435
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	18,613	0	18,613
1953	0	0	15,141	0	0	0	0	0	0	16,702	0	0	31,843
1954	0	0	0	52,402	30,113	0	0	0	0	0	4,135	0	86,650
1955	4,098	902	0	0	0	0	20,581	7,906	42,094	7,906	0	0	83,487
1956	0	3,939	0	0	75,460	0	0	0	0	0	0	0	79,399
1957	0	2,792	0	0	0	0	0	0	0	0	0	0	2,792
1958	0	0	0	0	0	0	0	0	42,055	0	0	0	42,055
1959	6,234	0	0	0	0	0	0	0	0	0	0	0	6,234
1960	0	0	0	0	0	0	0	5,298	0	0	0	0	5,298
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	31,110	3,972	7,667	42,749
1963	2,064	663	0	0	11,853	0	0	0	0	0	12,115	0	26,694
1964	1,908	3,092	0	0	0	0	0	0	0	0	23,919	11,004	39,923
1965	0	0	0	21,010	0	0	0	0	18,893	1,753	0	0	41,656
1966	0	0	0	22,113	0	0	0	6,124	60,556	0	6,692	5,487	100,972
1967	422	4,043	0	0	0	0	0	0	18,728	729	0	0	23,923
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	1,325	0	0	0	1,325
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	5,857	3,857	0	0	0	0	26,897	23,103	0	0	0	0	59,713
1972	0	0	0	0	0	0	0	0	0	3,304	0	0	3,304
1973	0	0	0	0	0	0	0	24,940	0	0	0	0	24,940
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	7,838	8,544	0	16,382
1976	7,498	2,467	3,762	0	0	0	0	0	20,772	0	0	0	34,499
1977	0	0	0	0	0	0	0	0	0	0	12,426	12,345	24,771
1978	784	0	4,296	0	0	0	0	51,235	0	0	1,470	0	57,785
1979	0	0	0	0	0	0	0	0	0	0	0	748	748
1980	0	0	0	0	0	0	0	0	71,953	15,047	13,201	15,105	115,305
1981	9,774	7,034	56,955	42,869	36,407	0	0	1,694	0	0	0	0	154,733
1982	0	0	17,888	0	0	0	0	0	0	0	3,526	0	21,414
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	2,883	0	0	0	0	0	0	0	0	0	2,883
1985	0	0	0	0	0	0	0	0	0	72,790	0	0	72,790
1986	0	0	12,991	0	44,279	0	0	0	40,359	0	0	0	97,629
1987	0	0	0	0	0	0	0	0	15,961	16,514	0	0	32,474
1988	0	4,243	0	0	0	0	66,967	0	0	0	0	6,152	77,361
1989	4,971	0	15,646	0	72,017	11,297	0	0	0	0	3,814	7,031	114,776
1990	5,445	11,551	28,987	53,013	28,987	0	48,596	8,397	69,036	4,176	8,390	5,232	271,810
1991	0	0	0	0	0	0	0	0	45,426	37,739	5,210	0	88,376
1992	0	0	0	0	0	0	0	0	25,712	30,981	0	0	56,692
1993	0	0	0	0	0	0	0	0	346	10,385	0	0	10,731
1994	10,245	8,291	22,054	1,062	46,674	0	0	0	15,169	0	0	0	103,495
1995	0	0	0	0	0	0	0	0	0	0	17,715	0	17,715
1996	0	4,878	0	0	0	0	0	13,357	0	7,908	25,677	0	51,820
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	25,425	0	0	0	0	25,425
1999	0	0	19,880	0	0	0	0	0	0	0	0	0	19,880
2000	0	12,418	0	0	0	20,049	0	0	0	41,750	0	0	74,217
2001	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	14,664	41,266	0	0	55,931
2004	0	0	0	0	0	0	0	0	0	19,742	0	0	19,742
2005	0	0	0	0	0	0	0	42,001	0	0	0	819	42,820
2006	4,798	1,725	0	363	24,689	0	0	0	0	153	0	0	31,729
2007	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	285	4,593	0	0	0	0	0	0	0	0	0	4,879
2009	0	489	633	29,955	0	0	0	0	0	0	0	0	31,077
2010	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	1,119	0	1,119
AVG	906	992	3,028	2,971	4,998	1,664	2,117	3,524	6,697	5,476	2,264	1,181	35,819
MAX	10,245	12,418	56,955	53,013	75,460	56,876	66,967	61,843	71,953	72,790	25,677	15,105	271,810
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

Actual bay operational release with 15K 50/60% rule

Model Version for November 8, 2018

11/05/2018 Reduction in bay operational support due to implementation of 15K 50/60% rule

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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	16,597	0	0	0	0	0	0	16,598
1944	0	0	0	0	0	0	0	11,653	0	7,305	0	0	18,958
1945	0	0	0	0	0	0	0	0	0	1,399	0	0	1,399
1946	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	0	0	3,811	0	0	0	0	0	0	0	0	0	3,811
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	5,223	0	5,223
1953	0	0	94	0	0	0	0	0	0	0	0	0	94
1954	0	0	0	24,930	14,831	0	0	0	0	0	2,910	0	42,670
1955	0	0	0	0	0	0	13,344	7,156	0	0	0	0	20,500
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	18,036	0	0	0	18,036
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	16,889	0	0	16,889
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	379	379
1965	0	0	0	4,007	0	0	0	0	2,595	0	0	0	6,602
1966	0	0	0	0	0	0	0	0	19,624	0	0	0	19,624
1967	0	0	0	0	0	0	0	0	3,728	0	0	0	3,728
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	16,496	0	0	0	0	0	16,496
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	6,626	0	0	0	0	6,626
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	11,335	0	0	0	11,335
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	257	5,297	5,555
1981	3	0	25,045	23,220	0	0	0	0	0	0	0	0	48,268
1982	0	0	1,925	0	0	0	0	0	0	0	0	0	1,925
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	3,766	0	0	0	16,906	0	0	0	20,672
1987	0	0	0	0	0	0	0	0	640	1,009	0	0	1,650
1988	0	0	0	0	0	0	5,502	0	0	0	0	0	5,502
1989	0	0	1,030	0	9,983	0	0	0	0	0	0	0	11,013
1990	0	0	18,394	0	0	0	20,665	0	0	2,284	3,492	0	44,835
1991	0	0	0	0	0	0	0	0	23,151	3,834	0	0	26,986
1992	0	0	0	0	0	0	0	0	7,141	10,654	0	0	17,795
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	4,703	0	0	0	0	0	112	0	0	0	4,815
1995	0	0	0	0	0	0	0	0	0	0	1,810	0	1,810
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	11,467	0	0	0	0	11,467
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	5,049	0	0	0	0	0	0	5,049
2001	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	20,677	0	0	20,677
2004	0	0	0	0	0	0	0	0	0	3,161	0	0	3,161
2005	0	0	0	0	0	0	0	18,000	0	0	0	0	18,000
2006	0	0	0	0	6,460	0	0	0	0	0	0	0	6,460
2007	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	7,894	0	0	0	0	0	0	0	0	7,894
2010	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG	0	0	714	780	455	281	727	713	1,341	873	178	74	6,136
MAX	3	0	25,045	24,930	14,831	16,597	20,665	18,000	23,151	20,677	5,223	5,297	48,268
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

Reduction in bay operational support due to implementation of 15K 50/60% rule

Model Version for November 8, 2018

11/05/2018 Total Support for Bay (threshold & operational - does not include additional Arbuckle release)

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	OP604	OP603	OP602	OP601	THRESHOLD									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
1940	0	0	0	0	0	0	0	0	1,188	2,357	0	0	3,545	
1941	0	0	0	0	0	0	0	0	826	0	0	0	826	
1942	5,632	0	0	0	0	0	0	0	0	0	0	0	5,632	
1943	0	0	1,244	0	0	39,896	60	0	0	1,921	3,816	12,505	59,442	
1944	0	0	0	0	0	0	0	61,843	0	25,957	0	0	87,800	
1945	0	0	0	0	0	0	0	0	11,824	24,421	0	0	36,245	
1946	0	0	0	0	0	0	0	0	0	0	0	0	0	
1947	0	0	20,717	0	0	0	0	0	0	0	0	6,872	27,589	
1948	0	3,720	5,454	10,800	14,375	61,813	5,191	0	0	0	0	0	101,353	
1949	0	0	0	0	0	0	0	0	0	0	0	0	0	
1950	0	0	0	0	0	0	0	0	0	2,932	0	0	2,932	
1951	0	0	0	0	0	0	5,000	0	0	0	0	0	5,000	
1952	0	0	0	0	0	0	0	0	7,529	8,300	22,834	0	38,663	
1953	0	0	15,141	94	0	0	0	0	0	16,702	0	0	31,937	
1954	0	0	0	57,070	37,246	0	0	0	0	0	17,910	0	112,226	
1955	10,247	5,242	0	0	0	0	28,344	22,156	53,597	13,851	0	0	133,438	
1956	0	4,031	0	0	82,000	134	0	0	0	0	0	0	86,166	
1957	0	4,828	0	0	0	0	0	0	0	0	0	0	4,828	
1958	0	0	0	0	0	0	0	0	42,055	0	0	0	42,055	
1959	6,234	0	0	0	0	0	0	0	0	0	0	0	6,234	
1960	0	0	0	0	0	0	0	5,298	761	0	0	0	6,059	
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	
1962	0	0	0	0	0	0	0	0	0	40,333	3,972	7,667	51,972	
1963	2,064	663	0	0	12,739	0	0	0	0	710	24,853	0	41,029	
1964	14,026	9,717	184	3,624	0	0	0	11,607	0	0	23,919	20,686	83,763	
1965	0	0	0	21,010	0	0	0	0	18,893	3,500	0	0	43,403	
1966	0	0	0	22,113	0	0	0	6,884	62,376	1,347	6,692	5,487	104,898	
1967	422	9,345	0	0	0	0	0	18,728	729	0	0	0	29,224	
1968	0	0	0	0	0	0	0	0	0	0	0	0	0	
1969	0	0	0	0	0	0	0	0	1,325	0	0	0	1,325	
1970	0	0	0	0	0	0	0	0	0	0	0	0	0	
1971	5,857	3,857	0	0	0	0	39,505	25,816	0	0	0	0	75,034	
1972	0	0	0	0	0	0	0	0	0	3,304	0	0	3,304	
1973	0	0	0	0	0	0	0	24,940	0	0	0	0	24,940	
1974	0	0	0	0	0	0	0	0	0	0	0	0	0	
1975	0	0	0	0	0	0	0	0	0	7,838	8,544	0	16,382	
1976	7,498	2,467	3,762	0	0	0	0	0	32,003	0	0	0	45,730	
1977	0	0	0	0	0	0	0	0	0	0	12,426	14,784	27,210	
1978	784	0	8,140	182	0	0	0	53,627	0	11,082	1,470	0	75,285	
1979	0	0	0	0	0	0	0	0	0	0	0	748	748	
1980	0	0	0	0	0	0	0	0	82,000	28,569	15,386	22,946	148,901	
1981	15,005	10,220	56,955	49,830	36,407	0	0	1,694	0	0	0	0	170,111	
1982	0	0	17,888	0	0	0	0	0	0	0	3,526	0	21,414	
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	
1984	0	0	4,619	0	0	0	0	0	0	0	0	0	4,619	
1985	0	0	0	0	0	0	0	0	0	72,790	0	0	72,790	
1986	0	0	12,991	303	44,279	0	107	0	40,358	0	0	0	98,039	
1987	0	0	0	0	0	0	0	0	15,961	16,514	0	0	32,475	
1988	0	4,243	0	0	0	0	76,497	0	0	0	0	6,152	86,892	
1989	4,971	0	16,545	4,559	72,017	13,808	1,873	0	0	0	3,814	7,606	125,193	
1990	5,445	11,551	33,394	57,776	37,152	0	61,335	14,893	82,000	18,426	20,238	11,491	353,700	
1991	0	0	0	0	0	0	0	0	58,850	50,954	5,210	0	115,013	
1992	0	0	0	0	0	0	0	0	25,712	30,981	0	0	56,693	
1993	0	0	0	0	0	0	0	0	2,175	10,385	0	0	12,560	
1994	10,245	8,291	22,054	2,932	46,674	0	0	0	15,169	0	0	0	105,365	
1995	0	0	0	0	0	0	0	0	0	0	17,715	0	17,715	
1996	0	4,878	0	0	0	0	0	13,357	0	15,313	25,677	0	59,225	
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998	0	0	0	0	0	0	0	32,200	0	0	0	0	32,200	
1999	0	0	19,880	0	0	0	0	0	0	0	0	0	19,880	
2000	0	14,160	875	0	0	20,049	0	0	0	56,000	0	0	91,084	
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	14,664	46,016	0	0	60,680	
2004	0	0	0	0	0	0	0	0	0	19,742	0	0	19,742	
2005	0	0	0	0	0	0	0	42,000	0	0	0	819	42,819	
2006	4,798	1,725	3,581	5,683	24,689	0	0	0	0	153	0	0	40,629	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	0	285	4,593	0	0	0	0	0	0	0	0	0	4,878	
2009	0	489	8,193	29,955	5,000	0	0	0	12,436	0	0	0	56,073	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	6,139	0	0	0	6,139	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	1,119	0	1,119	
AVG	1,211	1,295	3,327	3,454	5,358	1,762	2,830	4,108	7,878	6,898	2,846	1,529	42,496	
MAX	15,005	14,160	56,955	57,776	82,000	61,813	76,497	61,843	82,000	72,790	25,677	22,946	353,700	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0	

Total Support for Bay (threshold & operational - does not include additional Arbuckle release)

Model Version for November 8, 2018

11/05/2018 Total Support for Bay (threshold & operational - includes additional Arbuckle release)

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	OP604			OP603			OP602			OP601			THRESHOLD	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
1940	0	0	0	0	0	0	0	0	1,188	2,357	0	0	3,545	
1941	0	0	0	0	0	0	0	0	826	0	0	0	826	
1942	5,632	0	0	0	0	0	0	0	0	0	0	0	5,632	
1943	0	0	1,244	0	0	39,896	60	0	1,819	1,921	3,816	12,505	61,261	
1944	0	0	0	0	0	0	0	61,843	0	25,957	0	0	87,800	
1945	0	0	0	0	0	0	0	0	11,824	24,421	0	0	36,245	
1946	0	0	0	0	0	0	0	0	0	0	0	0	0	
1947	0	0	20,717	0	0	0	0	0	0	290	0	6,872	27,879	
1948	0	3,720	5,454	10,800	14,375	61,813	5,191	0	0	0	0	0	101,353	
1949	0	0	0	0	0	0	0	4,134	0	0	0	0	4,134	
1950	0	0	0	0	0	0	508	1,782	0	2,932	0	0	5,222	
1951	0	0	0	0	0	0	6,081	6,816	0	0	0	0	12,897	
1952	0	0	0	0	0	0	6,116	5,825	7,529	8,300	22,834	0	50,604	
1953	0	0	15,141	349	0	0	0	0	0	16,702	0	0	32,192	
1954	0	0	3,272	57,070	37,246	0	0	0	0	0	17,910	0	115,498	
1955	10,247	5,242	0	0	0	0	28,344	22,156	53,597	13,851	0	0	133,438	
1956	0	4,031	3,272	1,252	82,000	134	0	0	0	0	0	0	90,690	
1957	0	4,828	0	0	0	0	0	0	0	0	0	0	4,828	
1958	0	0	0	0	0	0	3,503	0	42,055	0	0	0	45,557	
1959	6,234	0	0	0	0	0	0	0	0	0	0	0	6,234	
1960	0	0	0	0	0	0	0	5,298	761	0	0	0	6,059	
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	
1962	0	0	0	0	0	0	1,721	0	0	40,333	3,972	7,667	53,693	
1963	2,064	663	0	0	12,739	0	0	0	0	710	24,853	0	41,029	
1964	14,026	9,717	184	3,624	0	0	1,221	13,150	0	0	23,919	20,686	86,528	
1965	0	0	0	21,010	0	0	0	0	18,893	3,500	0	0	43,403	
1966	0	0	0	22,113	0	0	0	6,884	62,376	1,347	6,692	5,487	104,898	
1967	422	9,345	0	0	0	0	0	0	18,728	729	0	0	29,224	
1968	0	0	0	0	0	0	0	0	0	0	0	0	0	
1969	0	0	0	0	0	0	0	0	1,325	0	0	0	1,325	
1970	0	0	0	0	0	0	0	0	0	0	0	0	0	
1971	5,857	3,857	2,149	0	0	0	39,505	25,816	0	0	0	0	77,184	
1972	0	0	0	0	0	0	0	0	814	3,304	0	0	4,118	
1973	0	0	0	0	0	0	0	24,940	0	0	0	0	24,940	
1974	0	0	0	0	0	0	0	0	0	0	0	0	0	
1975	0	0	0	0	0	0	0	0	0	7,838	8,544	0	16,382	
1976	7,498	2,467	3,762	0	0	0	0	0	32,003	0	0	0	45,730	
1977	0	0	0	0	0	0	0	0	0	1,376	12,426	14,784	28,586	
1978	784	0	8,140	1,610	0	0	0	53,627	0	11,082	1,470	0	76,714	
1979	0	0	0	0	0	0	0	0	0	0	0	748	748	
1980	0	0	0	0	0	0	0	0	82,000	28,569	15,386	22,946	148,901	
1981	15,005	10,220	56,955	49,830	36,407	0	0	1,694	0	0	0	0	170,111	
1982	0	0	17,888	0	0	0	2,643	0	0	0	3,526	0	24,057	
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	
1984	0	0	4,619	724	0	0	0	0	0	0	0	0	5,343	
1985	0	0	0	0	0	0	0	0	0	72,790	0	0	72,790	
1986	0	0	12,991	1,096	44,279	0	107	0	40,358	0	0	0	98,831	
1987	0	0	0	0	0	0	0	0	15,961	16,514	0	0	32,475	
1988	0	4,243	0	0	0	0	76,497	0	0	0	0	6,152	86,892	
1989	4,971	0	16,545	4,559	72,017	13,808	1,873	0	0	0	3,814	7,606	125,193	
1990	5,445	11,551	33,394	57,776	37,152	0	61,335	14,893	82,000	18,426	20,238	11,491	353,700	
1991	0	0	0	0	0	0	0	0	58,850	50,954	5,210	0	115,013	
1992	0	0	0	0	0	0	0	0	25,712	30,981	0	0	56,693	
1993	0	0	0	0	0	0	0	0	2,175	10,385	0	0	12,560	
1994	10,245	8,291	22,054	2,932	46,674	0	0	0	15,169	0	0	0	105,365	
1995	0	0	0	0	0	0	0	0	183	1,213	17,715	0	19,111	
1996	0	4,878	0	0	0	0	0	13,357	0	15,313	25,677	0	59,225	
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998	0	0	0	0	0	0	0	32,200	0	0	0	0	32,200	
1999	0	0	19,880	0	0	0	0	0	0	0	0	0	19,880	
2000	0	14,160	1,378	0	0	20,049	0	0	0	56,000	0	0	91,586	
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	1,065	0	0	0	14,664	46,016	0	0	61,745	
2004	0	0	0	0	0	0	0	0	0	19,742	0	0	19,742	
2005	0	0	0	0	0	0	0	42,000	0	0	0	819	42,819	
2006	4,798	1,725	3,775	5,683	24,689	0	0	0	0	153	0	0	40,823	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	0	285	4,593	4,098	0	0	0	0	0	0	0	0	8,976	
2009	0	489	8,193	29,955	5,000	0	0	0	12,436	0	0	0	56,073	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	4,035	1,851	0	0	0	0	0	0	0	0	5,886	
2012	0	0	0	0	0	0	0	10,562	2,088	0	0	0	12,649	
2013	0	0	0	0	0	0	7,225	5,231	6,139	0	0	0	18,596	
2014	0	0	0	0	0	0	0	9,663	0	3,286	0	0	12,949	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	1,119	0	1,119	
AVG	1,211	1,295	3,502	3,589	5,372	1,762	3,142	4,700	7,941	6,978	2,846	1,529	43,866	
MAX	15,005	14,160	56,955	57,776	82,000	61,813	76,497	61,843	82,000	72,790	25,677	22,946	353,700	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0	

Total Support for Bay (threshold & operational - includes additional Arbuckle release)