

# LCRA WMP WAM MODEL RESULTS

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October 25 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.

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Model Version for October 25, 2018

10/22/2018 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	1,939,043	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	1,448,098	1,426,458	1,329,836	1,281,637	1,246,196	1,216,120	1,196,503
1949	1,196,678	1,240,562	1,286,499	1,423,548	1,504,772	1,492,583	1,435,907	1,387,246	1,351,837	1,340,540	1,317,708	1,312,469
1950	1,313,273	1,334,296	1,308,015	1,316,041	1,298,361	1,225,614	1,165,187	1,116,075	1,111,381	1,081,760	1,059,304	1,042,137
1951	1,025,594	1,017,032	1,002,063	977,845	1,037,332	1,141,188	1,067,061	1,006,450	964,805	918,291	889,197	871,590
1952	862,001	848,787	824,549	877,225	981,826	941,141	897,504	835,053	1,777,500	1,741,456	1,758,137	1,847,652
1953	1,878,246	1,890,079	1,887,375	1,868,914	1,932,790	1,811,810	1,721,471	1,662,112	1,610,164	1,610,415	1,610,696	1,589,100
1954	1,578,600	1,547,459	1,500,568	1,537,277	1,530,017	1,372,566	1,258,146	1,152,644	1,077,521	1,048,985	1,050,729	1,032,264
1955	1,034,791	1,039,410	1,003,313	964,809	1,354,177	1,429,625	1,441,844	1,442,570	1,567,656	1,562,255	1,536,562	1,512,227
1956	1,491,486	1,484,718	1,435,120	1,407,482	1,628,097	1,493,833	1,389,523	1,292,426	1,211,607	1,173,362	1,146,759	1,125,914
1957	1,111,127	1,110,571	1,135,366	1,719,604	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	1,625,664	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	1,852,433
1966	1,874,701	1,904,170	1,996,094	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	1,979,263	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	1,781,414	1,790,086	1,791,411	1,803,544
1981	1,806,694	1,806,959	1,860,977	1,880,326	1,846,610	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	1,678,185	1,698,278	1,730,109
1986	1,729,379	1,794,589	1,785,066	1,761,624	1,782,171	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	1,958,872	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	1,603,044	1,875,476	1,711,050	1,797,556	1,760,997	1,799,610	1,791,464	1,802,804	1,790,309
1991	1,842,586	1,864,994	1,845,032	1,832,537	1,771,719	1,748,581	1,688,788	1,633,758	1,680,949	1,702,403	1,732,428	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	1,926,684	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	1,280,849	1,996,717	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

Model Version for October 25, 2018

10/22/2018 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	1,956,016	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	1,448,098	1,426,458	1,329,836	1,281,637	1,246,196	1,216,120	1,196,503
1949	1,196,678	1,240,562	1,286,499	1,423,548	1,504,772	1,492,583	1,435,907	1,387,246	1,351,837	1,340,540	1,317,708	1,312,469
1950	1,313,273	1,334,296	1,308,015	1,316,041	1,298,361	1,225,614	1,165,187	1,116,075	1,111,381	1,081,760	1,059,304	1,042,137
1951	1,025,594	1,017,032	1,002,063	977,845	1,037,332	1,141,188	1,067,061	1,006,450	964,805	918,291	889,197	871,590
1952	862,001	848,787	824,549	877,225	981,826	941,141	897,504	835,053	1,777,500	1,741,456	1,758,137	1,847,652
1953	1,878,246	1,890,079	1,887,375	1,868,914	1,932,790	1,811,810	1,721,471	1,662,112	1,610,164	1,640,415	1,610,696	1,589,100
1954	1,578,600	1,547,459	1,500,568	1,537,277	1,530,017	1,372,566	1,258,146	1,152,644	1,077,521	1,048,985	1,050,729	1,032,264
1955	1,034,791	1,039,410	1,003,313	964,809	1,354,177	1,429,625	1,441,844	1,442,570	1,567,656	1,562,255	1,536,562	1,512,227
1956	1,491,486	1,484,718	1,435,120	1,407,482	1,628,097	1,493,833	1,389,523	1,292,426	1,211,607	1,173,362	1,146,759	1,125,914
1957	1,111,127	1,110,571	1,135,366	1,719,604	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	1,625,664	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	1,852,433
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	1,979,263	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	1,953,496	1,976,210	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	1,781,414	1,790,086	1,791,411	1,803,544
1981	1,806,694	1,806,959	1,860,977	1,880,326	1,846,610	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	1,678,185	1,698,278	1,730,109
1986	1,729,379	1,794,589	1,785,066	1,761,624	1,782,171	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	1,603,044	1,875,476	1,791,050	1,797,556	1,760,997	1,799,610	1,791,464	1,802,804	1,790,309
1991	1,842,586	1,864,994	1,845,032	1,832,537	1,771,719	1,748,581	1,688,788	1,633,758	1,680,949	1,702,403	1,732,428	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	1,950,950	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	1,819,985	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	1,280,849	1,996,717	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

Model Version for October 25, 2018

10/22/2018 Total flow at Wharton gage (average monthly flow in cfs)

06:12 PM Subsistence Criteria and Number of Months Flow was Below Criteria Shown at Bottom of Page

	HL STORAGE BELOW 900K
<b>bold/under</b>	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	1,671	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	449	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	551	366	156	349	301
1955	382	546	338	270	744	505	263	270	1,045	634	526	473
1956	390	704	282	272	1,181	798	530	537	385	238	433	465
1957	340	480	1,315	4,383	17,351	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	1,199	708	637	529
1981	530	537	1,049	1,197	1,906	13,891	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	1,513	4,793	2,016
1986	1,054	1,213	632	335	2,727	4,614	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	1,134	944	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	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	634	3,741	2,116
2001	4,065	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 criteria	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 October 25, 2018

10/22/2018 Operational bay criteria need limited only to storable inflow supply

06:12 PM

	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	24,366	0	24,366
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	7,052	0	132,445
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	85,428	0	0	0	0	0	0	0	89,367
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	6,125	80,876	0	6,692	5,487	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	31,278	13,458	20,402	151,112
1981	9,777	7,034	73,370	55,734	15,989	0	0	1,695	0	0	0	0	163,599
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	30,763	0	79,486	8,397	78,603	6,460	11,881	5,232	338,213
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	4,417	3,936	6,472	2,671	3,209	4,237	8,656	6,791	2,488	1,255	46,029
MAX	10,245	12,418	73,370	80,449	85,428	56,876	83,669	73,496	85,974	72,790	25,677	20,402	338,213
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 October 25, 2018

10/22/2018 Theroretical bay operational release without 15K 50/60% rule

06:12 PM

	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	51,063	0	0	0	0	0	0	80,621
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	24,366	0	24,366
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	7,052	0	129,327
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	49,406	0	0	0	0	0	0	0	53,345
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	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	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	45,874
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	45,953	31,278	13,458	20,402	111,091
1981	9,777	7,034	73,370	55,734	15,989	0	0	1,695	0	0	0	0	163,599
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	56,000	0	0	56,000
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	51,237	30,763	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	10,750	0	0	48,267
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	3,630	3,594	4,873	1,870	2,845	4,237	7,701	5,939	2,449	1,255	40,289
MAX	10,245	12,418	73,370	77,332	82,000	56,494	72,469	73,496	80,180	61,944	25,677	20,402	316,645
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Model Version for October 25, 2018

10/22/2018 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	2,357	0	0	0	2,357
1941	0	0	0	0	0	0	0	826	0	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	1,586	3,816	12,505	0	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	11,824	24,421	0	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	51,063	0	0	0	0	0	0	80,621
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	19,143	0	0	19,143
1953	0	0	15,141	0	0	0	0	0	16,702	0	0	0	31,843
1954	0	0	0	52,402	30,113	0	0	0	0	4,142	0	0	86,657
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	49,406	0	0	0	0	0	0	0	53,345
1957	0	2,792	0	0	0	0	0	0	0	0	0	0	2,792
1958	0	0	0	0	0	0	0	42,055	0	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	5,298	0	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	31,110	3,972	7,667	0	42,749
1963	2,064	663	0	0	11,853	0	0	0	0	12,115	0	0	26,694
1964	1,908	3,092	0	0	0	0	0	0	0	23,919	11,004	0	39,923
1965	0	0	0	21,010	0	0	0	18,893	1,753	0	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	18,728	729	0	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	1,325	0	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	3,304	0	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	7,838	8,544	0	0	16,382
1976	7,498	2,467	3,762	0	0	0	0	20,772	0	0	0	0	34,499
1977	0	0	0	0	0	0	0	0	0	12,426	12,345	0	24,771
1978	784	0	4,296	0	0	0	0	51,235	0	1,470	0	0	57,785
1979	0	0	0	0	0	0	0	0	0	0	748	0	748
1980	0	0	0	0	0	0	0	45,953	19,358	13,201	15,105	0	93,616
1981	9,774	7,034	50,022	39,440	15,989	0	0	1,694	0	0	0	0	123,954
1982	0	0	17,888	0	0	0	0	0	0	3,526	0	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	56,000	0	0	0	56,000
1986	0	0	12,991	0	44,279	0	0	40,359	0	0	0	0	97,629
1987	0	0	0	0	0	0	0	15,961	16,514	0	0	0	32,474
1988	0	4,243	0	0	0	0	66,967	0	0	0	6,152	0	77,361
1989	4,971	0	15,646	0	72,017	11,297	0	0	0	3,814	7,031	0	114,776
1990	5,445	11,551	28,987	51,237	30,763	0	48,596	8,397	69,036	4,176	8,390	5,232	271,810
1991	0	0	0	0	0	0	0	45,426	37,739	5,210	0	0	88,376
1992	0	0	0	0	0	0	0	25,712	30,981	0	0	0	56,692
1993	0	0	0	0	0	0	0	346	10,385	0	0	0	10,731
1994	10,245	8,291	22,054	1,062	46,674	0	0	15,169	0	0	0	0	103,495
1995	0	0	0	0	0	0	0	0	0	17,715	0	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	10,750	0	0	0	43,217
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	14,664	41,266	0	0	0	55,931
2004	0	0	0	0	0	0	0	0	19,742	0	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	153	0	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	1,119	0	0	1,119
AVG	906	992	2,938	2,904	4,418	1,588	2,117	3,524	6,360	4,911	2,271	1,181	34,110
MAX	10,245	12,418	50,022	52,402	72,017	51,063	66,967	61,843	69,036	56,000	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 October 25, 2018

10/22/2018 Reduction in bay operational support due to implementation of 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	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	2,595	0	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	11,920	257	5,297	17,475
1981	3	0	23,348	16,294	0	0	0	0	0	0	0	0	39,645
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	640	1,009	0	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	7,141	10,654	0	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	692	690	455	281	727	713	1,341	1,028	178	74	6,179
MAX	3	0	23,348	24,930	14,831	16,597	20,665	18,000	23,151	20,677	5,223	5,297	44,835
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 October 25, 2018

10/22/2018 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	56,000	5,191	0	0	0	0	0	95,540
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	6,351	8,300	22,834	0	37,485
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	56,000	108	0	0	0	0	0	0	60,139
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	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	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	56,000	32,880	15,386	22,946	127,212
1981	15,005	10,220	50,023	39,440	15,989	0	0	1,694	0	0	0	0	132,371
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	56,000	0	0	56,000
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	56,000	38,928	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	25,000	0	0	60,084
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	3,237	3,296	4,778	1,687	2,830	4,108	7,525	6,333	2,846	1,529	40,674
MAX	15,005	14,160	50,023	57,070	72,017	56,000	76,497	61,843	82,000	56,000	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 October 25, 2018

10/22/2018 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	56,000	5,191	0	0	0	0	0	95,540
1949	0	0	0	0	0	0	0	4,134	0	0	0	0	4,134
1950	0	0	0	0	0	0	613	1,780	0	2,932	0	0	5,324
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	6,351	8,300	22,834	0	49,426
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	1,245	56,000	108	0	0	0	0	0	0	64,656
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	56,000	32,880	15,386	22,946	127,212
1981	15,005	10,220	50,023	39,440	15,989	0	0	1,694	0	0	0	0	132,371
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	56,000	0	0	56,000
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	56,000	38,928	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	25,000	0	0	60,586
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	3,412	3,431	4,792	1,687	3,143	4,700	7,588	6,413	2,846	1,529	42,046
MAX	15,005	14,160	50,023	57,070	72,017	56,000	76,497	61,843	82,000	56,000	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)