

2007 VAMP Forecast Summary

Updated: 4/18/07

Based on April 1 DWR Bulletin 120 Water Supply Forecast

Single or Double Step Status	
Previous Year's Year Type Indicator [1]	5
Current Year's Year Type Indicator [1],[2]	1
Sum	6

Greater than 7 ==> Double Step

Daily Operation Plan Scenarios

Scenario ID	[A]
VAMP Target Flow Period	Apr. 22 - May 22
Single or Double Step	Single
Forecasted Ungaged Flow at Vernalis (cfs)	300
Forecasted Vernalis Flow (cfs)	
Existing Flow [3]	2,700
VAMP Target Flow	3,200
Supplemental Water (1000 AF)	
Total	30.50
Merced ID	25.00
OID/SSJID	5.50
Exchange Contractors	0.00
MID/TID	0.00

[1] 60-20-20 Year Type: Wet=5, Above Normal=4, Below Normal=3, Dry=2, Critical=1

[2] Based on April 1 DWR Bulletin 120 water supply forecast (90% exceedence)

[3] VAMP target flow period average without VAMP supplemental water.

2007 VAMP DAILY OPERATION PLAN
Updated: 4/18/2007
 San Joaquin River Technical Committee Hydrology Group

{A}

PRELIMINARY
SUBJECT TO REVISION

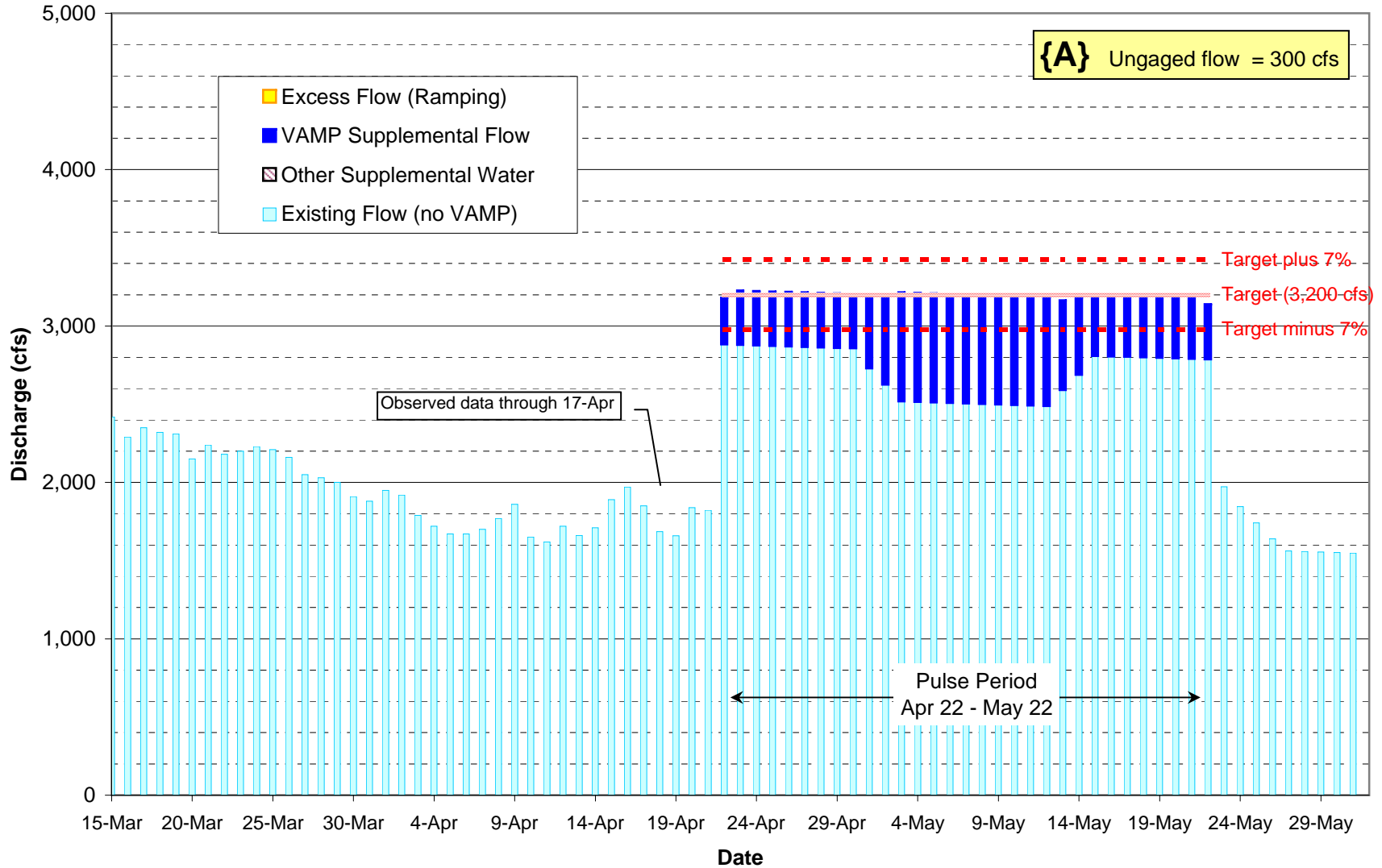
Target Flow Period: **April 22 - May 22**
 Flow Target: **3200 cfs**

Ungaged Flow at Vernalis = 300 cfs
 Values in bold are observed real-time data

Date	San Joaquin River near Vernalis					SJR above Merced R (2day lag) (cfs)	Ungaged Flow above Vernalis (cfs)	Merced River at Cressey				Tuolumne River at LaGrange				Stanislaus R blw Goodwin				Maintain Priority Flow Level M=Merced T=Tuol. S=Stan.	
	Existing Flow	VAMP Supplemental Flow	Other Supplemental Flow	Cumulative VAMP Supplemental Flow	VAMP Flow			Existing Flow	MeID VAMP Supplemental Flow	SJREC VAMP Supplemental Flow	VAMP Flow (3day lag)	Existing Flow - base FERC volume	Existing Flow - Adjusted FERC Pulse	VAMP Supplemental Flow	VAMP Flow (2day lag)	Existing Flow - Base	Existing Flow - reshaped	VAMP Supplemental Flow	Other Supplemental Flow		VAMP Flow (2day lag)
	(cfs)	(cfs) [calc]	(cfs)	(TAF) [calc]	(cfs) [calc]			(cfs)	(cfs)	(cfs)	(cfs) [calc]	(cfs)	(cfs)	(cfs)	(cfs) [calc]	(cfs)	(cfs)	(cfs)	(cfs)		(cfs) [calc]
3/15/07	2,420				2,420	788	97	215		215	349	349	349	804	804			804			
3/16/07	2,290				2,290	759	97	228		228	348	348	348	806	806			806			
3/17/07	2,350				2,350	739	194	213		213	338	338	338	802	802			802			
3/18/07	2,320				2,320	727	192	212		212	338	338	338	687	687			687			
3/19/07	2,310				2,310	710	203	216		216	337	337	337	603	603			603			
3/20/07	2,150				2,150	702	185	208		208	337	337	337	609	609			609			
3/21/07	2,240				2,240	659	378	215		215	334	334	334	607	607			607			
3/22/07	2,180				2,180	659	316	223		223	335	335	335	604	604			604			
3/23/07	2,200				2,200	609	392	212		212	334	334	334	547	547			547			
3/24/07	2,230				2,230	536	417	213		213	335	335	335	504	504			504			
3/25/07	2,210				2,210	476	497	214		214	336	336	336	502	502			502			
3/26/07	2,160				2,160	460	573	215		215	335	335	335	509	509			509			
3/27/07	2,050				2,050	461	523	234		234	335	335	335	503	503			503			
3/28/07	2,030				2,030	447	512	229		229	335	335	335	505	505			505			
3/29/07	2,000				2,000	437	486	229		229	337	337	337	503	503			503			
3/30/07	1,910				1,910	437	389	223		223	337	337	337	503	503			503			
3/31/07	1,880				1,880	414	374	198		198	338	338	338	501	501			501			
4/1/07	1,950				1,950	393	444	202		202	339	339	339	500	500			500			
4/2/07	1,920				1,920	380	444	221		221	338	338	338	502	502			502			
4/3/07	1,790				1,790	342	360	214		214	337	337	337	509	509			509			
4/4/07	1,720				1,720	328	298	213		213	337	337	337	503	503			503			
4/5/07	1,670				1,670	296	261	206		206	337	337	337	500	500			500			
4/6/07	1,670				1,670	271	288	195		195	337	337	337	502	502			502			
4/7/07	1,700				1,700	260	354	203		203	338	338	338	510	510			510			
4/8/07	1,770				1,770	279	454	215		215	338	338	338	508	508			508			
4/9/07	1,860				1,860	274	557	216		216	338	338	338	508	508			508			
4/10/07	1,650				1,650	276	322	192		192	339	339	339	504	504			504			
4/11/07	1,620				1,620	267	285	176		176	343	343	343	504	504			504			
4/12/07	1,720				1,720	299	385	179		179	341	341	341	500	500			500			
4/13/07	1,660				1,660	290	354	181		181	340	340	340	503	503			503			
4/14/07	1,710				1,710	291	394	204		204	343	343	343	503	503			503			
4/15/07	1,890				1,890	293	578	241		241	296	296	296	507	507			507			
4/16/07	1,970				1,970	346	652	247		247	295	295	295	503	503			503			
4/17/07	1,850				1,850	314	550	237		237	295	295	295	503	503			503			
4/18/07	1,685				1,685	284	300	250		250	250	250	250	768	768			768			
4/19/07	1,659				1,659	254	300	250	50	0	300	250	250	768	768			768			
4/20/07	1,839				1,839	231	300	250	100	0	350	599	600	250	850	1,500	1,500	0	0	1,500	
4/21/07	1,822				1,822	228	300	250	100	0	350	599	600	250	850	1,500	1,500	0	0	1,500	
4/22/07	2,881	300	0	0.60	3,181	225	300	250	100	0	350	599	600	250	850	1,500	1,500	0	0	1,500	
4/23/07	2,878	350	0	1.29	3,228	221	300	250	100	0	350	599	600	250	850	1,500	1,500	0	0	1,500	
4/24/07	2,875	350	0	1.98	3,225	218	300	250	100	0	350	599	600	250	850	1,500	1,500	0	0	1,500	
4/25/07	2,871	350	0	2.68	3,221	215	300	250	100	0	350	599	600	250	850	1,500	1,500	0	0	1,500	
4/26/07	2,868	350	0	3.37	3,218	212	300	250	100	0	350	599	600	250	850	1,500	1,500	0	0	1,500	
4/27/07	2,865	350	0	4.07	3,215	209	300	250	250	0	500	599	600	250	850	1,500	1,500	0	0	1,500	
4/28/07	2,862	350	0	4.76	3,212	205	300	250	375	0	625	599	600	100	700	1,500	1,500	0	0	1,500	
4/29/07	2,859	350	0	5.45	3,209	202	300	250	500	0	750	476	475	100	575	1,500	1,500	0	0	1,500	
4/30/07	2,855	350	0	6.15	3,205	199	300	250	650	0	900	374	375	75	450	1,500	1,500	0	0	1,500	
5/1/07	2,727	475	0	7.09	3,202	196	300	250	700	0	950	272	270	50	320	1,500	1,500	0	0	1,500	
5/2/07	2,624	575	0	8.23	3,199	193	300	250	700	0	950	272	270	0	270	1,500	1,500	0	0	1,500	
5/3/07	2,516	700	0	9.62	3,216	189	300	250	700	0	950	272	270	0	270	1,500	1,500	0	0	1,500	
5/4/07	2,513	700	0	11.01	3,213	186	300	250	700	0	950	272	270	0	270	1,500	1,500	0	0	1,500	
5/5/07	2,509	700	0	12.40	3,209	183	300	250	700	0	950	272	270	0	270	1,500	1,500	0	0	1,500	
5/6/07	2,506	700	0	13.79	3,206	180	300	250	700	0	950	272	270	0	270	1,500	1,500	0	0	1,500	
5/7/07	2,503	700	0	15.17	3,203	177	300	250	700	0	950	272	270	0	270	1,500	1,500	0	0	1,500	
5/8/07	2,500	700	0	16.56	3,200	173	300	250	700	0	950	272	270	0	270	1,500	1,500	0	0	1,500	
5/9/07	2,497	700	0	17.95	3,197	170	300	250	700	0	950	272	270	0	270	1,500	1,500	0	0	1,500	
5/10/07	2,493	700	0	19.34	3,193	167	300	250	575	0	825	272	270	0	270	1,500	1,500	0	0	1,500	
5/11/07	2,490	700	0	20.73	3,190	164	300	250	450	0	700	374	375	0	375	1,500	1,500	0	0	1,500	
5/12/07	2,487	700	0	22.12	3,187	161	300	250	350	0	600	476	475	50	525	1,500	1,500	0	0	1,500	
5/13/07	2,589	575	0	23.26	3,164	157	300	250	350	0	600	599	600	50	650	1,500	1,500	0	0	1,500	
5/14/07	2,686	500	0	24.25	3,186	154	300	250	350	0	600	599	600	50	650	1,500	1,500	0	0	1,500	
5/15/07	2,807	400	0	25.04	3,207	151	300	250	350	0	600	599	600	50	650	1,500	1,500	0	0	1,500	
5/16/07	2,804	400	0	25.83	3,204	148	300	250	350	0	600	599	600	50	650	1,500	1,500	0	0	1,500	
5/17/07	2,801	400	0	26.63	3,201	145	300	250	350	0	600	599	600	50	650	1,500	1,500	0	0	1,500	
5/18/07	2,798	400	0	27.42	3,198	141	300	250	350	0	600	599	600	50	650	1,500	1,500	0	0	1,500	
5/19/07	2,795	400	0	28.21	3,195	138	300	250	305	0	555	599	600	50	650	1,500	1,500	0	0	1,500	
5/20/07	2,791	400	0	29.01	3,191	135	300	250			250	599	600	50	650	1,500	1,500	0	0	1,500	
5/21/07	2,788	400	0	29.80	3,188	132	300	250			250	550	550		550	741	741			741	
5/22/07	2,785	355	0	30.51	3,140	129	300	250			250	425	425		425	741	741			741	
5/23/07	1,973	0	0		1,973	126	300	250			250	325	325		325	741	741			741	
5/24/07	1,845	0	0		1,845	123	300	250			250	225	225		225	741	741			741	
5/25/07	1,742	0	0		1,742	120	300	250			250	150	150		150	741	741			741	
5/26/07	1,639	0	0		1,639	117	300	250			250	150									

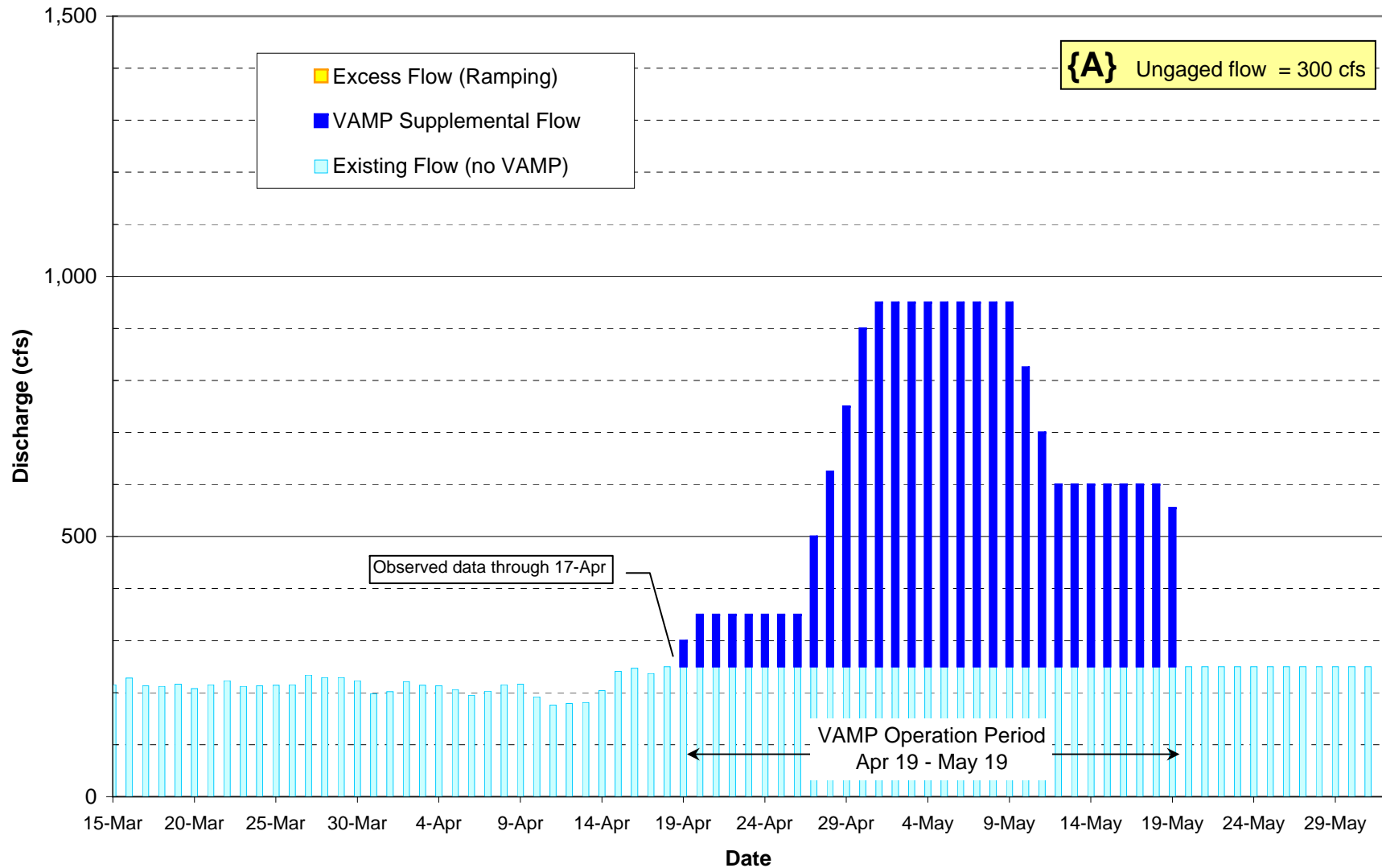
2007 VAMP Daily Operation Plan --- April 18, 2007
Vernalis Target Flow Period: April 22 - May 22

San Joaquin River near Vernalis



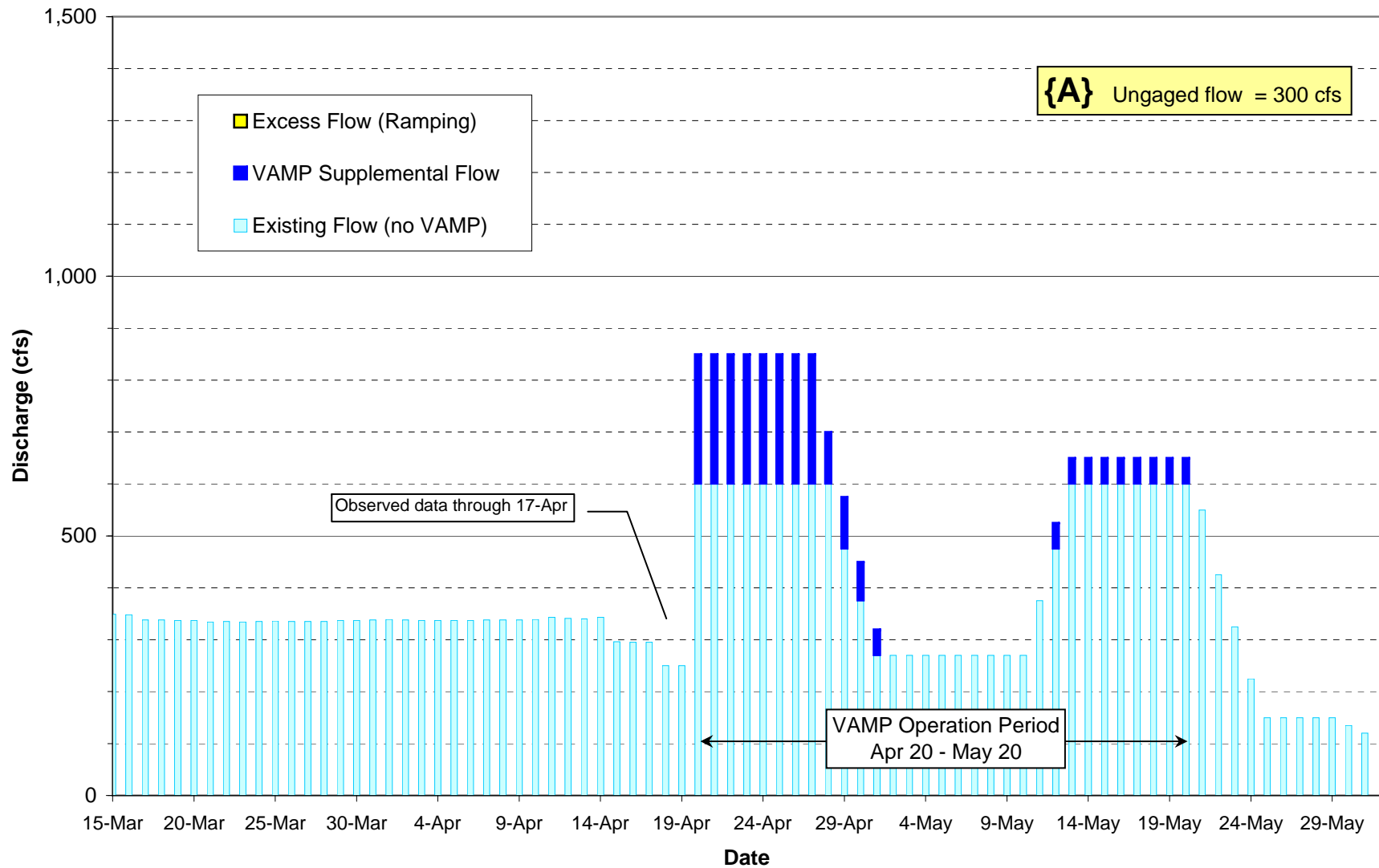
2007 VAMP Daily Operation Plan --- April 18, 2007
Vernalis Target Flow Period: April 22 - May 22

Merced River at Cressey



2007 VAMP Daily Operation Plan --- April 18, 2007
Vernalis Target Flow Period: April 22 - May 22

Tuolumne River at LaGrange



2007 VAMP Daily Operation Plan --- April 18, 2007
Vernalis Target Flow Period: April 22 - May 22

Stanislaus River below Goodwin Dam

