02327022 WAKULLA RIVER NEAR CRAWFORDVILLE, FL

Ochlockonee Basin
Apalachee Bay-St. Marks Subbasin

LOCATION.--Lat 30°12′49″, long 84°15′42″ referenced to North American Datum of 1927, Wakulla County, FL, Hydrologic Unit 03120001, on downstream side of bridge on County Road 365, 5.2 mi northeast of Crawfordville, 5.4 mi northwest of St. Marks, and 6.5 mi above mouth.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1907, 1917, 1929, 1930 (one discharge measurement each water year); February 1931 to June 1932 and July 1941 to September 1982 (gage heights and discharge measurements only); October 2004 to current year.

GAGE.--Water-stage and water-current meter recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 6, 1942, nonrecording gage at same site at datum 2.42 ft above National Geodetic Vertical Datum of 1929. Oct. 6, 1942 to Sept. 30, 2003, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records poor. Flow affected by tide. Discharges computed from continuous velocity record obtained from water-current meter.

02327022 WAKULLA RIVER NEAR CRAWFORDVILLE, FL—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	580	589	774	493	404	507	328	635	775	754	642	666
2	525	617	721	564	401	514	322	662	785	756	616	661
3	483	624	635	652	589	537	318	664	803	743	616	661
4	447	636	639	631	693	533	333	673	796	731	632	650
5	388	665	656	602	747	500	321	692	775	720	623	651
6	428	687	635	575	731	489	295	716	773	716	622	622
7	516	694	487	518	743	495	280	782	774	717	624	590
8	534	681	461	510	698	458	311	811	778	720	635	661
9	512	674	500	543	678	402	337	816	779	715	619	671
10	458	689	458	497	650	537	308	827	772	715	623	662
11	421	667	477	509	690	529	275	854	752	709	639	675
12	454	675	460	509	656	503	263	828	760	732	665	677
13	490	705	496	489	615	461	269	770	913	710	702	715
14	506	711	510	456	592	444	249	717	847	698	700	707
15	499	713	531	371	581	424	251	730	840	699	702	693
16	504	731	616	403	573	401	258	684	830	693	715	689
17	520	698	543	395	556	414	279	629	816	693	714	675
18	558	651	511	551	534	420	311	659	802	695	711	694
19	554	654	499	420	516	400	299	711	798	689	698	700
20	592	701	501	400	507	400	311	727	790	678	686	698
21	622	780	484	416	517	433	314	728	770	672	709	685
22	646	694	457	411	509	424	349	712	744	667	703	674
23	653	553	457	440	501	370	429	707	739	670	693	681
24	576	559	464	435	468	331	413	698	731	686	704	696
25	344	627	649	381	475	278	449	702	729	674	688	702
26	288	659	616	326	547	283	472	718	727	656	690	696
27	388	680	492	364	517	299	502	752	738	635	685	692
28	493	751	479	387	503	306	502	775	756	634	683	681
29	533	853	547	423	---	315	538	784	765	637	707	686
30	541	816	507	477	---	324	596	785	761	641	699	672
31	534	---	510	452	---	325	---	785	---	648	677	---
Total	15,587	20,434	16,772	14,600	16,191	13,056	10,482	22,733	23,418	21,503	20,822	20,283
Mean	503	681	541	471	578	421	349	733	781	694	672	676
Max	653	853	774	652	747	537	596	854	913	756	715	715
Min	288	553	457	326	401	278	249	629	727	634	616	590
Med	512	680	507	456	565	424	316	718	774	695	686	679
Ac-ft	30,920	40,530	33,270	28,960	32,110	25,900	20,790	45,090	46,450	42,650	41,300	40,230

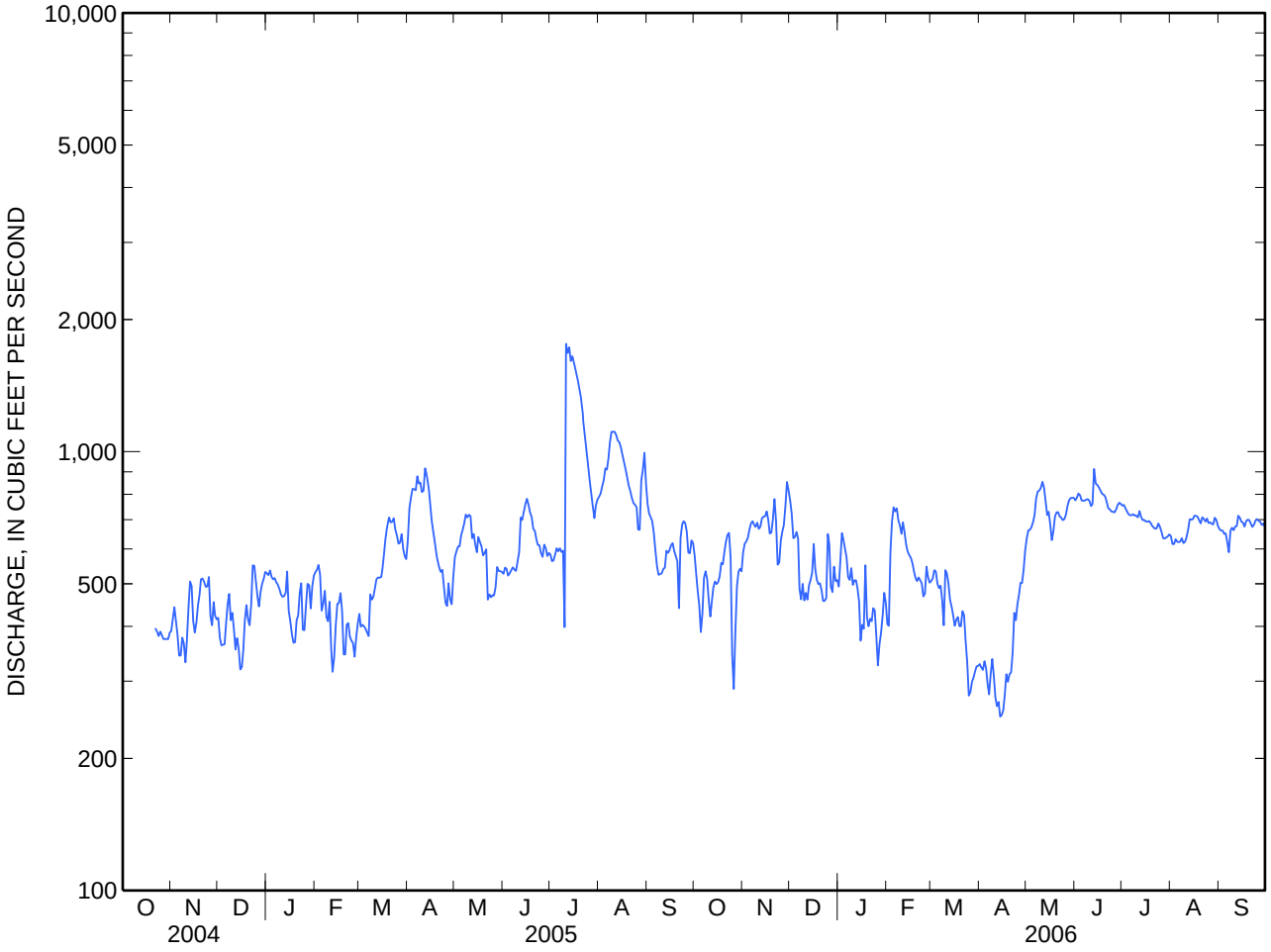
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2006, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	503	555	483	469	499	484	514	663	700	857	788	643
Max	503	681	541	471	578	547	678	733	781	1,020	904	676
(WY)	(2006)	(2006)	(2006)	(2006)	(2006)	(2005)	(2005)	(2006)	(2006)	(2005)	(2005)	(2006)
Min	503	429	426	468	420	421	349	592	619	694	672	610
(WY)	(2006)	(2005)	(2005)	(2005)	(2005)	(2006)	(2006)	(2005)	(2005)	(2006)	(2006)	(2005)

02327022 WAKULLA RIVER NEAR CRAWFORDVILLE, FL—Continued

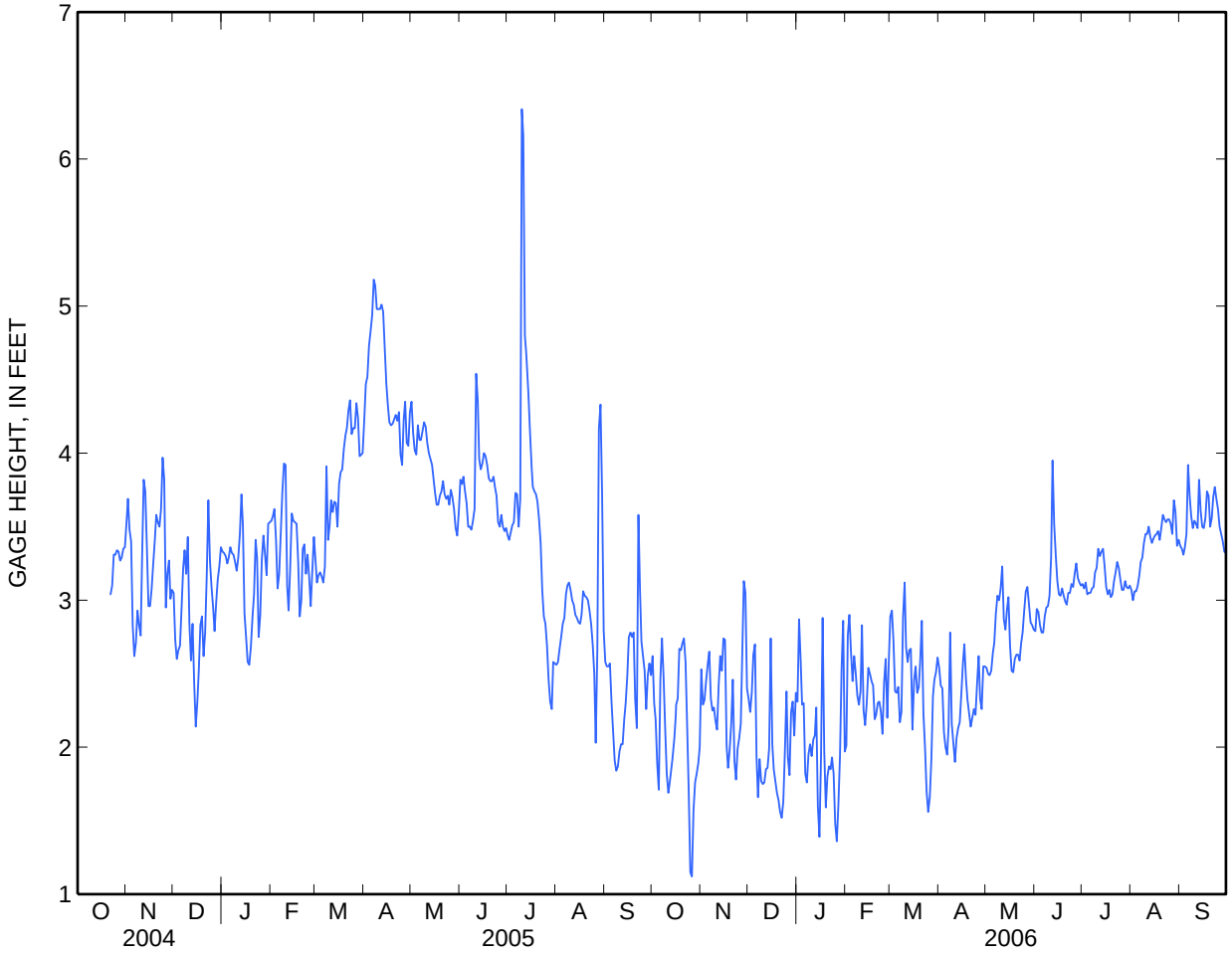
SUMMARY STATISTICS

	Calendar Year 2005		Water Year 2006		Water Years 2005 - 2006	
Annual total	231,221		215,881			
Annual mean	633		591		591	
Highest annual mean					591	2006
Lowest annual mean					591	2006
Highest daily mean	1,760	Jul 11	913	Jun 13	1,760	Jul 11, 2005
Lowest daily mean	288	Oct 26	249	Apr 14	249	Apr 14, 2006
Annual seven-day minimum	373	Feb 20	263	Apr 11	263	Apr 11, 2006
Maximum peak flow			1,130	Jun 13	2,050	Jul 11, 2005
Maximum peak stage			4.50	Jun 12	9.02	Jul 10, 2005
Instantaneous low flow			-65	Jan 17	-329	Jul 10, 2005
Annual runoff (ac-ft)	458,600		428,200		428,500	
10 percent exceeds	863		760		760	
50 percent exceeds	589		635		635	
90 percent exceeds	426		377		377	



02327022 WAKULLA RIVER NEAR CRAWFORDVILLE, FL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.62	2.53	2.33	2.31	2.01	2.89	2.54	2.54	2.79	3.11	3.07	3.37
2	2.30	2.29	2.24	2.87	2.76	2.93	2.42	2.50	2.94	3.08	3.00	3.35
3	2.19	2.32	2.37	2.59	2.90	2.72	2.40	2.49	2.92	3.12	3.06	3.31
4	1.89	2.45	2.63	2.29	2.65	2.38	2.10	2.52	2.83	3.04	3.06	3.36
5	1.71	2.56	2.70	2.30	2.45	2.37	2.00	2.64	2.78	3.05	3.10	3.45
6	2.46	2.65	1.93	1.82	2.62	2.41	1.95	2.71	2.78	3.05	3.17	3.92
7	2.74	2.33	1.66	1.76	2.50	2.17	2.14	2.91	2.89	3.08	3.26	3.71
8	2.48	2.25	1.92	1.95	2.35	2.24	2.78	3.03	2.95	3.09	3.29	3.57
9	2.13	2.27	1.77	2.02	2.29	2.88	2.16	3.00	2.96	3.19	3.39	3.49
10	1.82	2.18	1.75	1.94	2.38	3.12	2.03	3.08	3.03	3.22	3.45	3.54
11	1.69	2.12	1.76	2.05	2.83	2.68	1.90	3.23	3.29	3.35	3.45	3.52
12	1.76	2.42	1.85	2.08	2.25	2.58	2.06	2.87	3.95	3.30	3.50	3.49
13	1.85	2.62	1.86	2.27	2.15	2.66	2.13	2.80	3.52	3.33	3.43	3.82
14	1.97	2.52	1.99	1.60	2.30	2.67	2.17	2.94	3.31	3.35	3.39	3.61
15	2.07	2.74	2.74	1.39	2.54	2.12	2.36	3.02	3.13	3.23	3.42	3.50
16	2.29	2.73	2.02	1.94	2.50	2.45	2.57	2.69	3.04	3.09	3.44	3.49
17	2.33	2.01	1.85	2.88	2.45	2.55	2.70	2.52	3.03	3.04	3.45	3.56
18	2.67	1.86	1.77	1.98	2.42	2.37	2.47	2.51	3.08	3.07	3.47	3.74
19	2.66	1.98	1.69	1.59	2.19	2.41	2.32	2.60	3.03	3.02	3.41	3.71
20	2.71	2.16	1.64	1.80	2.22	2.59	2.23	2.63	2.99	3.04	3.49	3.50
21	2.74	2.46	1.56	1.87	2.30	2.86	2.14	2.63	2.97	3.13	3.58	3.56
22	2.58	1.91	1.52	1.85	2.31	2.23	2.20	2.59	3.05	3.19	3.55	3.70
23	2.15	1.78	1.63	1.93	2.24	2.00	2.26	2.71	3.05	3.26	3.53	3.77
24	1.70	1.99	1.97	1.82	2.09	1.70	2.22	2.78	3.11	3.22	3.55	3.69
25	1.15	2.06	2.38	1.48	2.44	1.56	2.43	2.93	3.09	3.14	3.55	3.62
26	1.12	2.16	1.93	1.36	2.60	1.66	2.62	3.06	3.18	3.07	3.52	3.50
27	1.57	2.62	1.81	1.61	2.20	1.92	2.33	3.09	3.25	3.07	3.45	3.45
28	1.76	3.13	2.24	1.94	2.60	2.35	2.26	2.97	3.15	3.13	3.68	3.40
29	1.82	3.05	2.31	2.53	---	2.46	2.55	2.85	3.12	3.09	3.60	3.33
30	1.89	2.40	2.08	2.86	---	2.51	2.55	2.83	3.10	3.08	3.37	3.32
31	2.00	---	2.37	1.97	---	2.61	---	2.80	---	3.10	3.41	---
Total	64.82	70.55	62.27	62.65	67.54	75.05	68.99	86.47	92.31	97.33	105.09	106.35
Mean	2.09	2.35	2.01	2.02	2.41	2.42	2.30	2.79	3.08	3.14	3.39	3.54
Max	2.74	3.13	2.74	2.88	2.90	3.12	2.78	3.23	3.95	3.35	3.68	3.92
Min	1.12	1.78	1.52	1.36	2.01	1.56	1.90	2.49	2.78	3.02	3.00	3.31
Med	2.07	2.33	1.93	1.94	2.40	2.45	2.26	2.80	3.05	3.10	3.44	3.51

02327022 WAKULLA RIVER NEAR CRAWFORDVILLE, FL—Continued