2008 Daily Values

ILLINOIS RIVER AT MEREDOSIA (MEAN DAILY FLOW), IL (ILMQ/I MF)

Location: LAT. 39-49-35, LONG. 90-33-53. AT CENTRAL ILLINOIS PUBLIC SERVICE POWERPLANT, ATTACHED TO INTAKE PIER ON LEFT BANK AND AT MILE 70.8 ABOVE THE MOUTH OF THE ILLINOIS RIVER.

Gage: G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. FLOWS PROVIDED BY THE ROCK ISLAND DISTRICT, CORPS OF ENGINEERS. NOTE: AUXILIARY STAFF GAGE ON SAME SITE. NOTE: READINGS PUBLISHED BY THE ST. LOUIS DISTRICT, CORPS OF ENGINEERS ARE PRELIMINARY. OFFICAL READINGS SHOULD BE OBTAINED FROM THE ROCK ISLAND DISTRICT, CORPS OF ENGINEERS.

General Information: FLOOD ELEV, 432.00 FT NGVD DRAINAGE AREA, ABOUT 26,000 SQUARE MILES. SINCE JAN 17, 1900, FLOW HAS INCLUDED DIVERSION FROM LAKE MICHIGAN THRU CHICAGO SANITARY & SHIP CANAL. NOTE: LOCK & DAM 26 REACHED FULL POOL IN 1939 & AFFECTS IL RIVER READINGS*.

Records Available: ELEVATION, NOV 1, 1878, - JUNE 1, 1881, & JAN 19, 1884 TO DATE. PRIOR TO OCT 6, 1959, GAGE WAS AT MILE 71.1. DATUM OF GAGE WAS 416.88 FT, NGVD GAGE DATUM WAS 416.57 FT NGVD FROM 1933 - OCT 6, 1938. DISCHARGE, OCT 1933 - SEPT 1938 & OCT 1938 TO DATE IN REPORTS OF U.S. GEOLOGICAL SURVEY. NOTE: DISCHARGE RECORDS FOR BEARDSTOWN, MILE 88.6, ARE AVAILABLE FROM 1921 - 1928.

Mean Flow: PERIOD OF RECORD, 26275 CFS . 01 JAN 1982 TO DATE, 26275 CFS .

Extreme Flow: PERIOD OF RECORD, DAILY HIGH OF 120000 CFS OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 13 MAR 1985 & PERIOD OF RECORD, DAILY LOW OF 1330 CFS ON 02 SEP 1984 .

DAILY 8AM FLOWS IN CFS:

	Month											
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
1	31041	40906	57941	46046	41721	27678	34001	18866	3089	74748	22434	9896
2	29842	39165	55853	46337	40083	28911	33322	15895	2841	71032	21448	10777
3	28337	37453	55038	46409	38958	35685	31723	16019	2425	67103	20463	8697
4	27652	36122	55267	46413	37450	37452	34539	14031	4673	64331	18758	7288
5	26940	35316	55596	46322	36347	42866	35988	11799	27796	61122	17061	9613
6	26203	42838	55251	46389	35517	45655	35735	12051	21842	58873	16741	10513
7	25983	45964	56103	45867	34334	48370	36649	14018	15097	56181	15501	8359
8	27436	50248	55853	46012	33843	51243	36745	15007	15543	53462	14390	8925
9	35155	53565	88931	45727	33366	54532	36512	14965	24827	51371	14705	8865
10	38039	56660	56511	46254	32607	57419	35125	14810	18548	47974	14701	9998
11	41249	59029	55820	46711	33204	60703	31546	14247	16999	46168	15055	11548
12	44558	61414	54974	47716	33329	62806	31590	13644	18948	43317	15141	14147
13	47447	61133	54057	48882	33830	64162	31056	12875	25301	40778	14864	16845
14	50837	62621	52926	49586	35629	65077	32593	10945	41226	38689	13177	18368
15	53366	63716	51399	51021	36666	64914	37956	9714	45322	37056	11229	17769
16	56093	63062	49793	50623	36968	62487	41530	8866	51935	36682	14225	21888
17	58699	62822	49337	51978	37401	58933	42641	7403	52261	34739	14135	25052
18	60878	67801	48443	52127	38453	55490	43056	6779	60428	33114	14151	24584
19	63207	67986	48259	52242	39226	53171	42301	5294	69077	31571	14359	28076
20	63156	70381	47454	51176	39944	50130	40599	4968	77282	30163	11066	26597
21	62513	71317	46775	51125	39613	47860	38837	4696	84567	27266	11526	27425
22	59807	72672	47948	50923	39763	45089	37023	3618	88403	19700	12524	26601
23	58829	72367	48756	48825	38903	43155	35794	4137	89954	18879	9622	25454
24	56266	70644	49482	48220	38089	40016	34778	4052	92736	18924	9561	25615
25	53965	68627	49576	47531	37178	37751	33492	5185	93127	18975	9908	23385
26	51800	67629	49693	47101	35656	36606	31838	4492	89266	20375	11467	23678
27	50000	63586	48941	46325	35346	34726	29411	3149	88411	25135	11303	27605
28	48203	61483	48403	44608	33192	34705	24986	2615	83779	27106	10994	39142
29	46533	59425	47962	43066	33382	32693	22758	11654	80527	27887	10141	44026
30	44455	----	47309	42551	32087	32814	14719	6412	77539	28577	9347	47704
31	42670	----	47686	----	28825	----	15722	2750	----	27968	----	53197
The following statistics are based on observations occuring in 2008 only.												
Mean	45521	58136	52817	47804	36158	47103	33696	9515	48792	39976	14000	21343
Max	63207	72672	88931	52242	41721	65077	43056	18866	93127	74748	22434	53197
Min	25983	35316	46775	42551	28825	27678	14719	2615	2425	18879	9347	7288
Day	31	29	31	30	31	30	31	31	30	31	30	31

The Mean FLOW for the Year was: 37778
The Highest FLOW for the Year was: 93127 which occured on: 09-25-2008
The Lowest FLOW for the Year was: 2425 which occured on: 09-03-2008 The Total Number of Days for the Year was: 366

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.