



Description of impact to New York, NY

New York, NY is expected to receive a minimal impact from Hurricane Irene20.

Northeasterly gale force winds should start affecting the area on Sunday, August 28th at 21:30 UTC. The highest wind speeds from Hurricane Irene20 should occur near 21:30 UTC when top sustained winds, from the Northeast, could reach 35 knots with gusts near 47 knots. Winds should decrease below gale force shortly thereafter.

Sustained winds will fall below gale force after 22:30 UTC and generally be from the North during this period of decreasing winds. Expect gusts above gale force level for several more hours thereafter.

Some minor residential wind damage may occur from Hurricane Irene20 in New York.

The total rainfall for the New York area over the next 3 days is forecast to be 7.8 inches. This can vary significantly as tropical storm and hurricane rainfall is very difficult to predict.

Latest Position: 1117 mi. South (187 degrees) of New York, NY

Latitude	Longitude	Motion (mph)	Wind Speed (knots)	Central Pressure (in.)	64 kt NE	64 kt SE	64 kt SW	64 kt NW	50 kt NE	50 kt SE	50 kt SW	50 kt NW	34 kt NE	34 kt SE	34 kt SW	34 kt NW	Eye diam	Eye wall
24.6	-76.2	336/10	100	28.04	60	60	25	50	100	100	50	70	220	180	100	130	18	9

Watches and Warnings

- Hurricane Watch from Surf City, NC to NC/VA State Line, NC
- Hurricane Watch from Albemarle-a, NC to Albemarle-b, NC
- Hurricane Watch from Pamlico-a, NC to Pamlico-b, NC
- Tropical Storm Watch from Edisto Beach, SC to Surf City, NC

Official Forecast

Hour	Date (UTC)	Time (UTC)	Latitude	Longitude	Wind Speed (knots)	64 kt NE	64 kt SE	64 kt SW	64 kt NW	50 kt NE	50 kt SE	50 kt SW	50 kt NW	34 kt NE	34 kt SE	34 kt SW	34 kt NW
Initial	08/25/2011	0900	24.6	-76.2	100	060	060	025	050	100	100	050	070	220	180	100	130
12	08/25/2011	1800	26.1	-77.1	110	060	060	025	050	100	100	050	070	220	180	100	130
24	08/26/2011	0600	28.2	-77.7	115	060	060	025	050	100	100	050	070	220	180	100	130

Hurricane Irene20

Hour	Date (UTC)	Time (UTC)	Latitude	Longitude	Wind Speed (knots)	64 kt NE	64 kt SE	64 kt SW	64 kt NW	50 kt NE	50 kt SE	50 kt SW	50 kt NW	34 kt NE	34 kt SE	34 kt SW	34 kt NW
36	08/26/2011	1800	30.4	-77.5	110	060	060	025	050	100	100	050	070	220	180	100	130
48	08/27/2011	0600	32.3	-77.1	100					100	100	060	090	240	240	100	150
72	08/28/2011	0600	36.3	-75.4	90					100	100	060	090	240	240	090	150
96	08/29/2011	0600	42.5	-72.5	60												
120	08/30/2011	0600	51	-67	45												

Wind Probabilities for New York, NY

34 Knots (39 mph)	50 Knots (58 mph)	64 Knots (74 mph)
38.4	12.9	3

Forecast Impact Summary for New York, NY - Advanced Wind Estimation ON

Max Wind (avg/gust)	Max Wind Date/Time	CPA	Rain		Arr. hrs.	Time of arrival	Time of departure	Duration
35 / 47 kts.	Sunday, 08/28/2011 21:30 UTC	25 mi.	7.8"		84	08/28/2011 21:30 UTC	08/28/2011 22:30 UTC	2

Wind Estimates without Advanced Wind Estimation

Maximum Sustained Winds / Gusts : 81 kts. / 98 kts.

Hurricane Irene20

Forecast Impact Detail - Advanced Wind Estimation ON

Date / Time	Time of Day	Wind Speed (avg/gust)	Wind Dir. (degs.)	Distance to 34 knot winds (mi.)	Distance to 50 knot winds (mi.)	Distance to 64 knot winds (mi.)	Distance to center (mi.)	Comments
Thursday, 08/25/2011 09:30 UTC	NIGHT			0903	1012	1048	1112	
Thursday, 08/25/2011 10:00 UTC	DAY			0897	1006	1042	1107	
Thursday, 08/25/2011 10:30 UTC	DAY			0891	1001	1036	1101	
Thursday, 08/25/2011 11:00 UTC	DAY			0886	0995	1032	1096	
Thursday, 08/25/2011 11:30 UTC	DAY			0881	0990	1026	1091	
Thursday, 08/25/2011 12:00 UTC	DAY			0875	0985	1021	1086	
Thursday, 08/25/2011 12:30 UTC	DAY			0869	0979	1016	1080	
Thursday, 08/25/2011 13:00 UTC	DAY			0864	0973	1010	1074	
Thursday, 08/25/2011 13:30 UTC	DAY			0858	0968	1005	1070	
Thursday, 08/25/2011 14:00 UTC	DAY			0853	0963	1000	1064	
Thursday, 08/25/2011 14:30 UTC	DAY			0848	0958	0995	1059	
Thursday, 08/25/2011 15:00 UTC	DAY			0842	0952	0989	1054	
Thursday, 08/25/2011 15:30 UTC	DAY			0836	0948	0985	1049	
Thursday, 08/25/2011 16:00 UTC	DAY			0831	0942	0979	1043	
Thursday, 08/25/2011 16:30 UTC	DAY			0826	0936	0973	1038	
Thursday, 08/25/2011 17:00 UTC	DAY			0820	0932	0968	1033	
Thursday, 08/25/2011 17:30 UTC	DAY			0814	0926	0963	1027	
Thursday, 08/25/2011 18:00 UTC	DAY			0810	0921	0958	1023	
Thursday, 08/25/2011 18:30 UTC	DAY			0804	0915	0952	1017	
Thursday, 08/25/2011 19:00 UTC	DAY			0798	0910	0947	1011	
Thursday, 08/25/2011 19:30 UTC	DAY			0791	0903	0941	1005	
Thursday, 08/25/2011 20:00 UTC	DAY			0785	0897	0935	1000	
Thursday, 08/25/2011 20:30 UTC	DAY			0780	0891	0929	0994	
Thursday, 08/25/2011 21:00 UTC	DAY			0774	0886	0924	0988	
Thursday, 08/25/2011 21:30 UTC	DAY			0768	0880	0918	0982	
Thursday, 08/25/2011 22:00 UTC	DAY			0762	0874	0912	0977	
Thursday, 08/25/2011 22:30 UTC	DAY			0757	0869	0907	0972	
Thursday, 08/25/2011 23:00 UTC	DAY			0751	0864	0902	0966	
Thursday, 08/25/2011 23:30 UTC	DAY			0745	0858	0896	0960	
Friday, 08/26/2011 00:00 UTC	NIGHT			0739	0852	0890	0955	
Friday, 08/26/2011 00:30 UTC	NIGHT			0734	0846	0884	0949	
Friday, 08/26/2011 01:00 UTC	NIGHT			0728	0841	0879	0943	
Friday, 08/26/2011 01:30 UTC	NIGHT			0722	0835	0873	0937	
Friday, 08/26/2011 02:00 UTC	NIGHT			0716	0829	0867	0932	
Friday, 08/26/2011 02:30 UTC	NIGHT			0711	0823	0861	0926	
Friday, 08/26/2011 03:00 UTC	NIGHT			0705	0819	0857	0921	
Friday, 08/26/2011 03:30 UTC	NIGHT			0699	0813	0851	0915	
Friday, 08/26/2011 04:00 UTC	NIGHT			0693	0807	0845	0910	
Friday, 08/26/2011 04:30 UTC	NIGHT			0687	0801	0839	0904	
Friday, 08/26/2011 05:00 UTC	NIGHT			0682	0796	0834	0898	
Friday, 08/26/2011 05:30 UTC	NIGHT			0676	0790	0828	0892	
Friday, 08/26/2011 06:00 UTC	NIGHT			0670	0784	0822	0888	
Friday, 08/26/2011 06:30 UTC	NIGHT			0663	0777	0815	0881	
Friday, 08/26/2011 07:00 UTC	NIGHT			0658	0772	0810	0875	
Friday, 08/26/2011 07:30 UTC	NIGHT			0651	0765	0803	0868	
Friday, 08/26/2011 08:00 UTC	NIGHT			0645	0759	0797	0863	
Friday, 08/26/2011 08:30 UTC	NIGHT			0638	0752	0790	0856	
Friday, 08/26/2011 09:00 UTC	NIGHT			0632	0746	0784	0850	
Friday, 08/26/2011 09:30 UTC	NIGHT			0625	0739	0777	0843	
Friday, 08/26/2011 10:00 UTC	DAY			0618	0734	0772	0837	
Friday, 08/26/2011 10:30 UTC	DAY			0613	0728	0766	0831	
Friday, 08/26/2011 11:00 UTC	DAY			0606	0721	0759	0825	
Friday, 08/26/2011 11:30 UTC	DAY			0600	0715	0753	0819	

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Date / Time	Time of Day	Wind Speed (avg/gust)	Wind Dir. (degs.)	Distance to 34 knot winds (mi.)	Distance to 50 knot winds (mi.)	Distance to 64 knot winds (mi.)	Distance to center (mi.)	Comments
Friday, 08/26/2011 12:00 UTC	DAY			0593	0708	0746	0812	
Friday, 08/26/2011 12:30 UTC	DAY			0587	0702	0740	0806	
Friday, 08/26/2011 13:00 UTC	DAY			0580	0696	0734	0799	
Friday, 08/26/2011 13:30 UTC	DAY			0575	0690	0728	0793	
Friday, 08/26/2011 14:00 UTC	DAY			0568	0683	0721	0787	
Friday, 08/26/2011 14:30 UTC	DAY			0562	0677	0715	0781	
Friday, 08/26/2011 15:00 UTC	DAY			0555	0671	0709	0775	
Friday, 08/26/2011 15:30 UTC	DAY			0549	0664	0702	0768	
Friday, 08/26/2011 16:00 UTC	DAY			0542	0659	0697	0762	
Friday, 08/26/2011 16:30 UTC	DAY			0537	0652	0690	0755	
Friday, 08/26/2011 17:00 UTC	DAY			0530	0646	0684	0750	
Friday, 08/26/2011 17:30 UTC	DAY			0524	0639	0677	0743	
Friday, 08/26/2011 18:00 UTC	DAY			0517	0633	0671	0737	
Friday, 08/26/2011 18:30 UTC	DAY			0510	0626	0666	0731	
Friday, 08/26/2011 19:00 UTC	DAY			0503	0621	0660	0725	
Friday, 08/26/2011 19:30 UTC	DAY			0497	0615	0654	0720	
Friday, 08/26/2011 20:00 UTC	DAY			0492	0610	0649	0715	
Friday, 08/26/2011 20:30 UTC	DAY			0485	0603	0643	0709	
Friday, 08/26/2011 21:00 UTC	DAY			0478	0598	0637	0704	
Friday, 08/26/2011 21:30 UTC	DAY			0471	0592	0631	0698	
Friday, 08/26/2011 22:00 UTC	DAY			0464	0585	0625	0692	
Friday, 08/26/2011 22:30 UTC	DAY			0457	0580	0620	0687	
Friday, 08/26/2011 23:00 UTC	DAY			0453	0575	0614	0682	
Friday, 08/26/2011 23:30 UTC	DAY			0446	0569	0608	0676	
Saturday, 08/27/2011 00:00 UTC	NIGHT			0439	0562	0602	0670	
Saturday, 08/27/2011 00:30 UTC	NIGHT			0432	0556	0597	0664	
Saturday, 08/27/2011 01:00 UTC	NIGHT			0425	0552	0592	0660	
Saturday, 08/27/2011 01:30 UTC	NIGHT			0418	0545	0585	0654	
Saturday, 08/27/2011 02:00 UTC	NIGHT			0413	0539	0579	0648	
Saturday, 08/27/2011 02:30 UTC	NIGHT			0406	0533	0573	0643	
Saturday, 08/27/2011 03:00 UTC	NIGHT			0400	0527	0568	0637	
Saturday, 08/27/2011 03:30 UTC	NIGHT			0393	0522	0562	0632	
Saturday, 08/27/2011 04:00 UTC	NIGHT			0386	0516	0556	0626	
Saturday, 08/27/2011 04:30 UTC	NIGHT			0379	0510	0550	0621	
Saturday, 08/27/2011 05:00 UTC	NIGHT			0373	0504	0545	0615	
Saturday, 08/27/2011 05:30 UTC	NIGHT			0367	0499	0539	0609	
Saturday, 08/27/2011 06:00 UTC	NIGHT			0360	0493	0534	0605	
Saturday, 08/27/2011 06:30 UTC	NIGHT			0354	0486	0527	0598	
Saturday, 08/27/2011 07:00 UTC	NIGHT			0348	0480	0522	0592	
Saturday, 08/27/2011 07:30 UTC	NIGHT			0342	0474	0516	0586	
Saturday, 08/27/2011 08:00 UTC	NIGHT			0336	0468	0509	0579	
Saturday, 08/27/2011 08:30 UTC	NIGHT			0329	0462	0503	0573	
Saturday, 08/27/2011 09:00 UTC	NIGHT			0324	0456	0497	0568	
Saturday, 08/27/2011 09:30 UTC	NIGHT			0318	0449	0491	0561	
Saturday, 08/27/2011 10:00 UTC	DAY			0312	0443	0485	0555	
Saturday, 08/27/2011 10:30 UTC	DAY			0305	0438	0479	0549	
Saturday, 08/27/2011 11:00 UTC	DAY			0299	0432	0473	0544	
Saturday, 08/27/2011 11:30 UTC	DAY			0294	0425	0466	0537	
Saturday, 08/27/2011 12:00 UTC	DAY			0287	0419	0461	0531	
Saturday, 08/27/2011 12:30 UTC	DAY			0281	0413	0455	0525	
Saturday, 08/27/2011 13:00 UTC	DAY			0275	0406	0448	0518	
Saturday, 08/27/2011 13:30 UTC	DAY			0269	0401	0442	0512	
Saturday, 08/27/2011 14:00 UTC	DAY			0263	0395	0436	0507	
Saturday, 08/27/2011 14:30 UTC	DAY			0257	0389	0431	0501	

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Saturday, 08/27/2011 15:00 UTC	DAY			0251	0382	0424	0494	
Saturday, 08/27/2011 15:30 UTC	DAY			0245	0377	0418	0488	
Saturday, 08/27/2011 16:00 UTC	DAY			0238	0371	0412	0482	
Saturday, 08/27/2011 16:30 UTC	DAY			0233	0364	0405	0476	
Saturday, 08/27/2011 17:00 UTC	DAY			0227	0358	0400	0470	
Saturday, 08/27/2011 17:30 UTC	DAY			0221	0352	0394	0464	
Saturday, 08/27/2011 18:00 UTC	DAY			0214	0347	0388	0458	
Saturday, 08/27/2011 18:30 UTC	DAY			0208	0340	0381	0451	
Saturday, 08/27/2011 19:00 UTC	DAY			0203	0334	0375	0446	
Saturday, 08/27/2011 19:30 UTC	DAY			0197	0328	0370	0440	
Saturday, 08/27/2011 20:00 UTC	DAY			0190	0321	0363	0433	
Saturday, 08/27/2011 20:30 UTC	DAY			0184	0316	0357	0427	
Saturday, 08/27/2011 21:00 UTC	DAY			0178	0310	0351	0421	
Saturday, 08/27/2011 21:30 UTC	DAY			0173	0304	0345	0416	
Saturday, 08/27/2011 22:00 UTC	DAY			0167	0297	0339	0409	
Saturday, 08/27/2011 22:30 UTC	DAY			0160	0291	0333	0403	
Saturday, 08/27/2011 23:00 UTC	DAY			0154	0286	0327	0397	
Saturday, 08/27/2011 23:30 UTC	DAY			0149	0279	0320	0390	
Sunday, 08/28/2011 00:00 UTC	NIGHT			0143	0273	0314	0385	
Sunday, 08/28/2011 00:30 UTC	NIGHT			0136	0267	0309	0379	
Sunday, 08/28/2011 01:00 UTC	NIGHT			0130	0261	0303	0373	
Sunday, 08/28/2011 01:30 UTC	NIGHT			0124	0254	0296	0366	
Sunday, 08/28/2011 02:00 UTC	NIGHT			0119	0249	0290	0360	
Sunday, 08/28/2011 02:30 UTC	NIGHT			0113	0243	0284	0355	
Sunday, 08/28/2011 03:00 UTC	NIGHT			0106	0236	0278	0348	
Sunday, 08/28/2011 03:30 UTC	NIGHT			0100	0230	0272	0342	
Sunday, 08/28/2011 04:00 UTC	NIGHT			0094	0225	0266	0336	
Sunday, 08/28/2011 04:30 UTC	NIGHT			0089	0219	0260	0330	
Sunday, 08/28/2011 05:00 UTC	NIGHT			0083	0212	0253	0324	
Sunday, 08/28/2011 05:30 UTC	NIGHT			0076	0206	0248	0318	
Sunday, 08/28/2011 06:00 UTC	NIGHT	011/016 kts	080	0070	0200	0242	0312	Minor damage
Sunday, 08/28/2011 06:30 UTC	NIGHT	011/016 kts	079	0061	0191	0233	0303	Minor damage
Sunday, 08/28/2011 07:00 UTC	NIGHT	012/017 kts	079	0052	0181	0222	0292	Minor damage
Sunday, 08/28/2011 07:30 UTC	NIGHT	012/018 kts	079	0043	0172	0213	0283	Minor damage
Sunday, 08/28/2011 08:00 UTC	NIGHT	013/018 kts	079	0033	0162	0204	0274	Minor damage
Sunday, 08/28/2011 08:30 UTC	NIGHT	013/019 kts	079	0024	0153	0195	0265	Minor damage
Sunday, 08/28/2011 09:00 UTC	NIGHT	014/020 kts	078	0015	0144	0185	0256	Minor damage
Sunday, 08/28/2011 09:30 UTC	NIGHT	015/021 kts	078	0006	0135	0175	0245	Minor damage
Sunday, 08/28/2011 10:00 UTC	DAY	015/022 kts	078		0126	0166	0236	Minor damage
Sunday, 08/28/2011 10:30 UTC	DAY	016/022 kts	078		0116	0157	0227	Minor damage
Sunday, 08/28/2011 11:00 UTC	DAY	016/023 kts	077		0107	0147	0218	Minor damage
Sunday, 08/28/2011 11:30 UTC	DAY	016/024 kts	077		0098	0137	0208	Minor damage
Sunday, 08/28/2011 12:00 UTC	DAY	017/025 kts	076		0089	0128	0199	Minor damage
Sunday, 08/28/2011 12:30 UTC	DAY	017/025 kts	076		0078	0117	0189	Minor damage
Sunday, 08/28/2011 13:00 UTC	DAY	018/026 kts	075		0069	0108	0180	Minor damage
Sunday, 08/28/2011 13:30 UTC	DAY	018/027 kts	075		0060	0099	0170	Minor damage
Sunday, 08/28/2011 14:00 UTC	DAY	019/028 kts	074		0051	0090	0161	Minor damage
Sunday, 08/28/2011 14:30 UTC	DAY	020/028 kts	074		0041	0081	0152	Minor damage
Sunday, 08/28/2011 15:00 UTC	DAY	020/029 kts	073		0032	0071	0143	Minor damage
Sunday, 08/28/2011 15:30 UTC	DAY	021/030 kts	072		0023	0062	0134	Minor damage
Sunday, 08/28/2011 16:00 UTC	DAY	021/031 kts	071		0014	0053	0124	Minor damage
Sunday, 08/28/2011 16:30 UTC	DAY	022/031 kts	070		0005	0044	0115	Minor damage
Sunday, 08/28/2011 17:00 UTC	DAY	022/033 kts	069			0035	0106	Minor damage
Sunday, 08/28/2011 17:30 UTC	DAY	024/035 kts	067			0025	0097	Minor damage

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Sunday, 08/28/2011 18:00 UTC	DAY	025/037 kts	065			0016	0088	Minor damage
Sunday, 08/28/2011 18:30 UTC	DAY	027/039 kts	063			0007	0078	Minor damage
Sunday, 08/28/2011 19:00 UTC	DAY	028/041 kts	060				0070	Minor damage
Sunday, 08/28/2011 19:30 UTC	DAY	028/041 kts	057				0062	Minor damage
Sunday, 08/28/2011 20:00 UTC	DAY	029/043 kts	052				0053	Minor damage
Sunday, 08/28/2011 20:30 UTC	DAY	031/042 kts	045				0046	Minor damage
Sunday, 08/28/2011 21:00 UTC	DAY	033/044 kts	037				0039	Minor damage
Sunday, 08/28/2011 21:30 UTC	DAY	035/047 kts	024				0033	Minor damage
Sunday, 08/28/2011 22:00 UTC	DAY	035/047 kts	008				0030	Minor damage
Sunday, 08/28/2011 22:30 UTC	DAY	034/046 kts	350				0029	Minor damage
Sunday, 08/28/2011 23:00 UTC	DAY	031/041 kts	332				0031	Minor damage
Sunday, 08/28/2011 23:30 UTC	DAY	028/040 kts	318				0036	Minor damage
Monday, 08/29/2011 00:00 UTC	NIGHT	026/037 kts	308			0012	0043	Minor damage
Monday, 08/29/2011 00:30 UTC	NIGHT	024/034 kts	300			0024	0050	Minor damage
Monday, 08/29/2011 01:00 UTC	NIGHT	022/032 kts	295			0036	0058	Minor damage
Monday, 08/29/2011 01:30 UTC	NIGHT	020/028 kts	290		0008	0047	0066	Minor damage
Monday, 08/29/2011 02:00 UTC	NIGHT	017/025 kts	287		0017	0059	0074	Minor damage
Monday, 08/29/2011 02:30 UTC	NIGHT	016/023 kts	285		0026	0069	0083	Minor damage
Monday, 08/29/2011 03:00 UTC	NIGHT	014/020 kts	283	0002	0037	0081	0092	Minor damage
Monday, 08/29/2011 03:30 UTC	NIGHT	013/018 kts	281	0012	0047	0092	0101	Minor damage
Monday, 08/29/2011 04:00 UTC	NIGHT			0023	0058	0104	0109	
Monday, 08/29/2011 04:30 UTC	NIGHT			0035	0068	0115	0119	
Monday, 08/29/2011 05:00 UTC	NIGHT			0045	0079	0127	0128	
Monday, 08/29/2011 05:30 UTC	NIGHT			0056	0090		0137	
Monday, 08/29/2011 06:00 UTC	NIGHT			0068	0100		0146	
Monday, 08/29/2011 06:30 UTC	NIGHT			0081	0115		0160	
Monday, 08/29/2011 07:00 UTC	NIGHT			0093	0130		0174	
Monday, 08/29/2011 07:30 UTC	NIGHT			0107	0145		0187	
Monday, 08/29/2011 08:00 UTC	NIGHT			0120	0159		0200	
Monday, 08/29/2011 08:30 UTC	NIGHT			0134	0175		0214	
Monday, 08/29/2011 09:00 UTC	NIGHT			0146	0190		0228	
Monday, 08/29/2011 09:30 UTC	NIGHT			0160	0205		0241	
Monday, 08/29/2011 10:00 UTC	DAY			0173	0220		0254	
Monday, 08/29/2011 10:30 UTC	DAY			0187	0235		0268	
Monday, 08/29/2011 11:00 UTC	DAY			0199	0249		0281	
Monday, 08/29/2011 11:30 UTC	DAY			0213	0264		0295	
Monday, 08/29/2011 12:00 UTC	DAY			0226	0279		0309	
Monday, 08/29/2011 12:30 UTC	DAY			0240	0292		0321	
Monday, 08/29/2011 13:00 UTC	DAY			0252	0307		0335	
Monday, 08/29/2011 13:30 UTC	DAY			0265	0324		0349	
Monday, 08/29/2011 14:00 UTC	DAY			0279	0337		0362	
Monday, 08/29/2011 14:30 UTC	DAY			0291	0352		0375	
Monday, 08/29/2011 15:00 UTC	DAY			0305	0368		0389	
Monday, 08/29/2011 15:30 UTC	DAY			0318	0382		0402	
Monday, 08/29/2011 16:00 UTC	DAY			0332	0397		0416	
Monday, 08/29/2011 16:30 UTC	DAY			0344	0412		0430	
Monday, 08/29/2011 17:00 UTC	DAY			0358	0427		0442	
Monday, 08/29/2011 17:30 UTC	DAY			0371	0442		0456	
Monday, 08/29/2011 18:00 UTC	DAY			0385	0456		0469	
Monday, 08/29/2011 18:30 UTC	DAY			0397	0471		0482	
Monday, 08/29/2011 19:00 UTC	DAY			0411	0486		0496	
Monday, 08/29/2011 19:30 UTC	DAY			0424	0500		0509	
Monday, 08/29/2011 20:00 UTC	DAY			0438	0516		0523	
Monday, 08/29/2011 20:30 UTC	DAY			0450	0530		0535	

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Monday, 08/29/2011 21:00 UTC	DAY			0464	0546		0549	
Monday, 08/29/2011 21:30 UTC	DAY			0477	0560		0562	
Monday, 08/29/2011 22:00 UTC	DAY			0491	0575		0576	
Monday, 08/29/2011 22:30 UTC	DAY			0503	nc.		0590	
Monday, 08/29/2011 23:00 UTC	DAY			0517			0602	
Monday, 08/29/2011 23:30 UTC	DAY			0529			0616	
Tuesday, 08/30/2011 00:00 UTC	NIGHT			0542			0629	
Tuesday, 08/30/2011 00:30 UTC	NIGHT			0555			0643	
Tuesday, 08/30/2011 01:00 UTC	NIGHT			0569			0655	
Tuesday, 08/30/2011 01:30 UTC	NIGHT			0582			0669	
Tuesday, 08/30/2011 02:00 UTC	NIGHT			0595			0682	
Tuesday, 08/30/2011 02:30 UTC	NIGHT			0608			0696	
Tuesday, 08/30/2011 03:00 UTC	NIGHT			0622			0708	
Tuesday, 08/30/2011 03:30 UTC	NIGHT			0633			0722	
Tuesday, 08/30/2011 04:00 UTC	NIGHT			0646			0735	
Tuesday, 08/30/2011 04:30 UTC	NIGHT			0660			0749	
Tuesday, 08/30/2011 05:00 UTC	NIGHT			0673			0761	
Tuesday, 08/30/2011 05:30 UTC	NIGHT			0686			0775	
Tuesday, 08/30/2011 06:00 UTC	NIGHT			0699			0788	