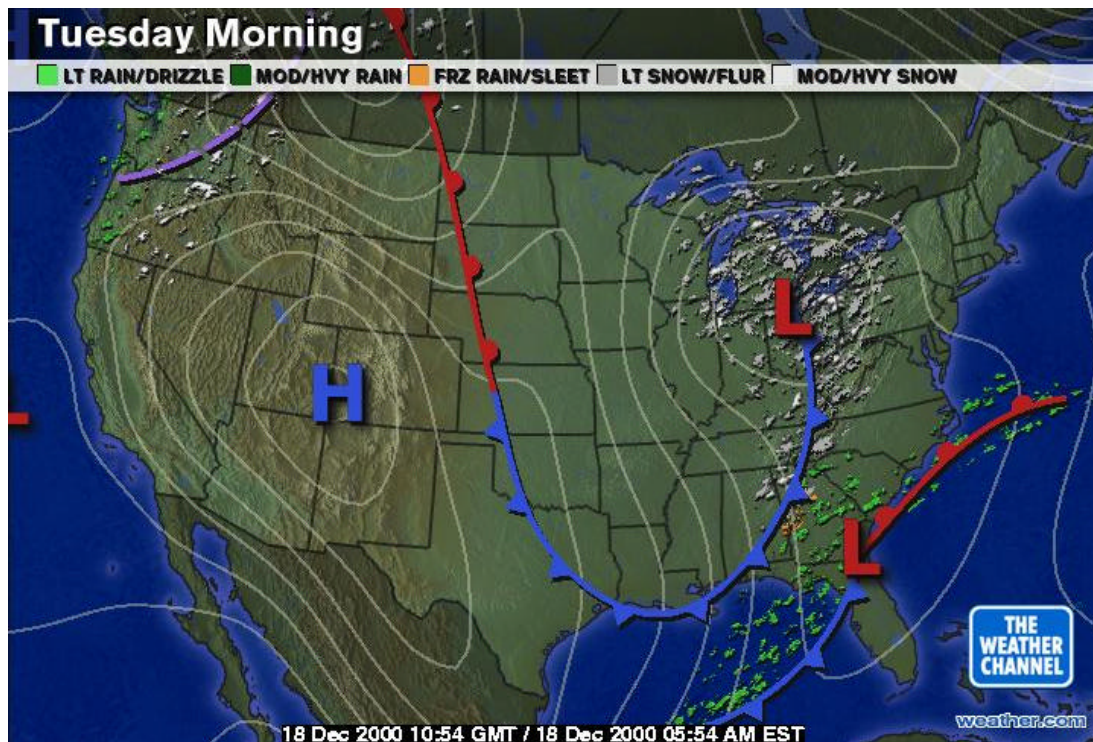
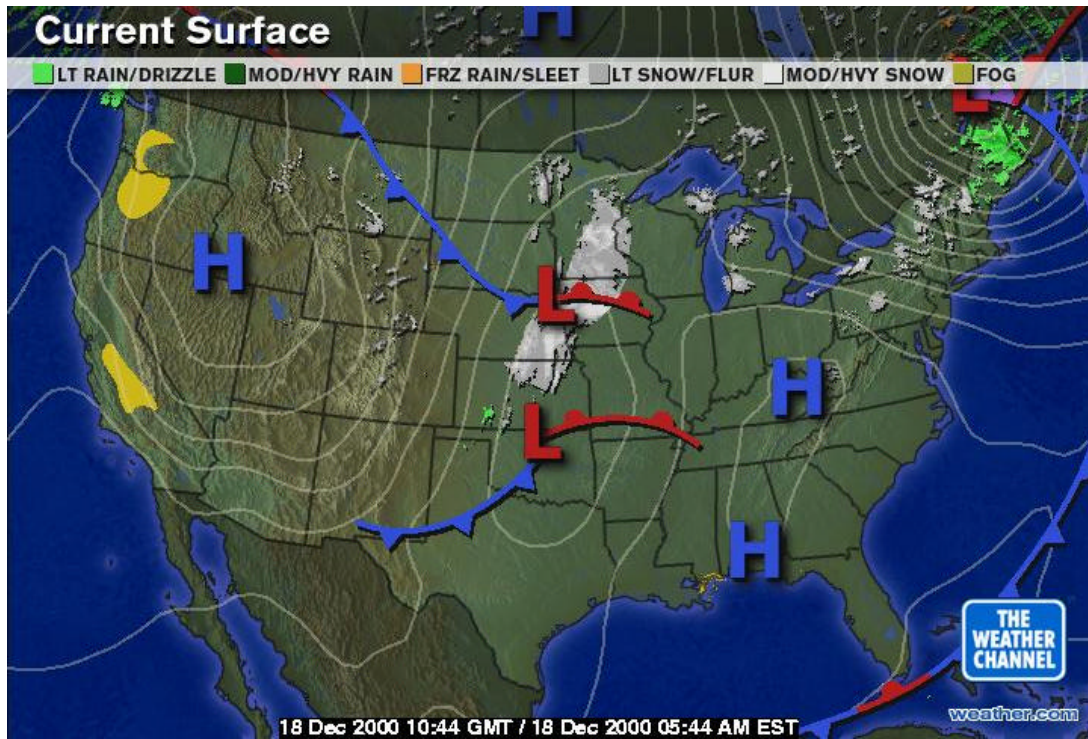
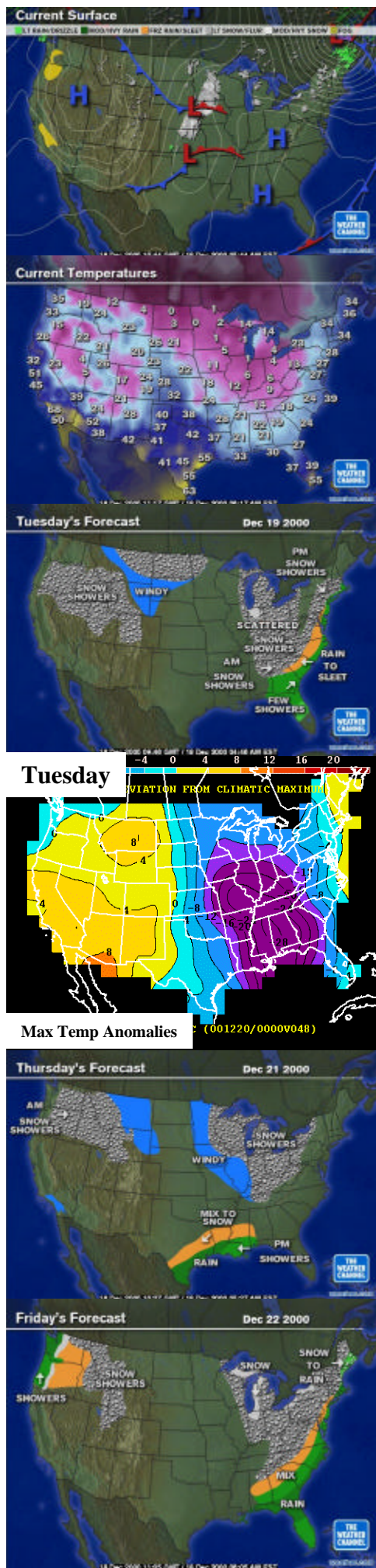


Monday December 18, 2000





Executive Summary

Market Movers for Monday, December 18, 2000

7:00am

This Week: Tomorrow through Sunday

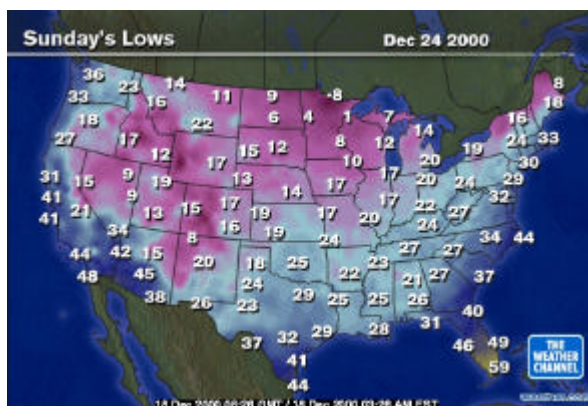
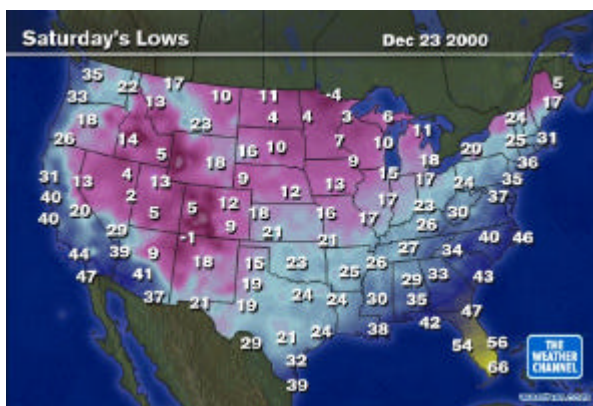
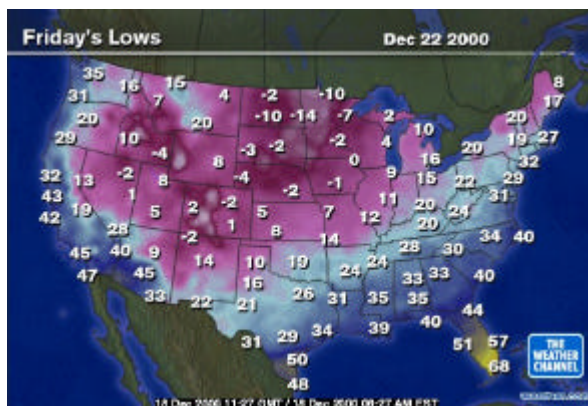
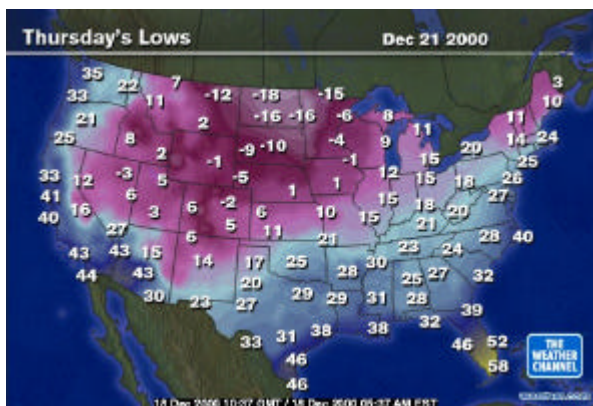
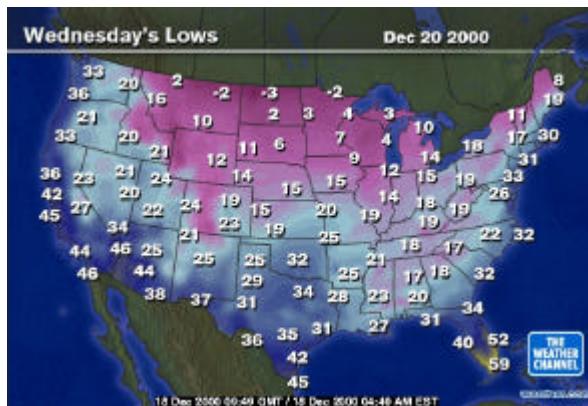
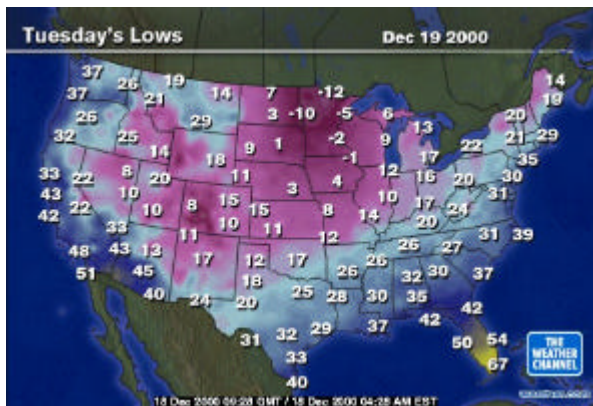
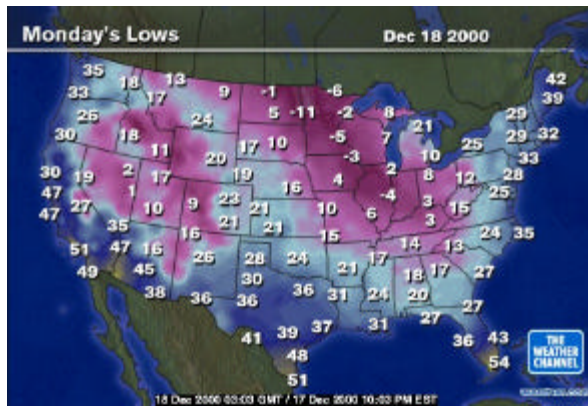
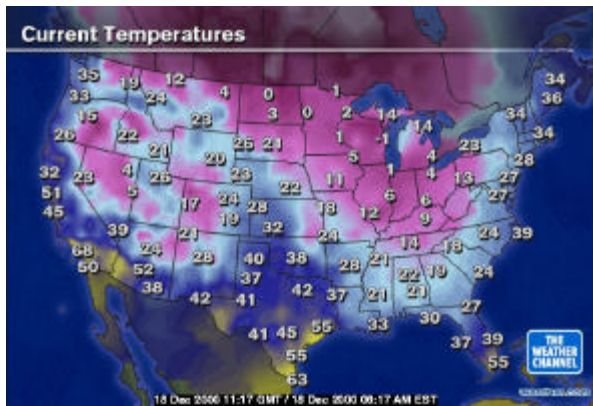
It's Beginning To Look A Lot Like Christmas

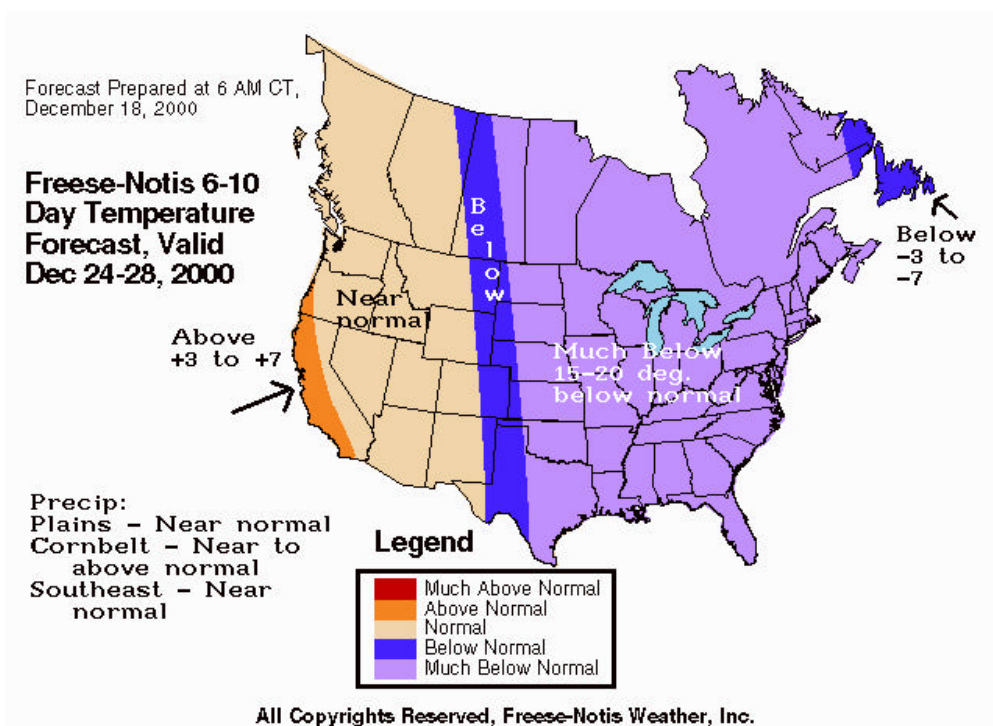
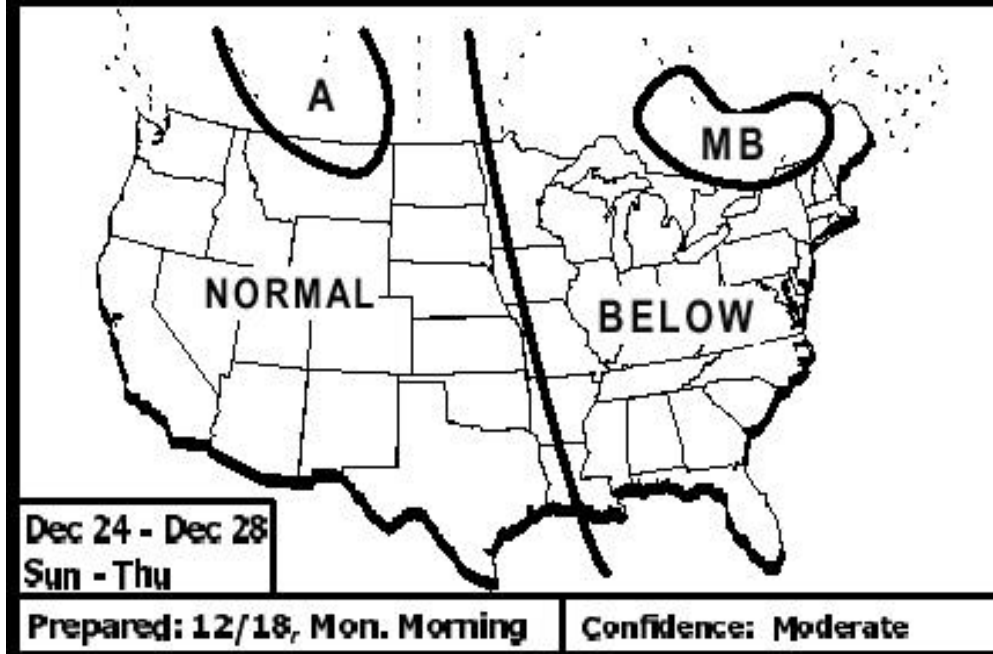
- **Headline:** This will be another week of wintry weather across the East. Very cold temperatures along with significant snow will travel from the South to the East. Expect much below normal temperatures to dominate the week from Chicago to Atlanta to DC with below normal temperatures everywhere east of the Great Plains.
- **Surge #1:** The first surge of cold air is settling into the East this morning. Temperatures are bitterly cold (in the teens) as far south as Atlanta and below freezing temperatures have reached as far south as the Gulf Coast.
- **Surge #2:** The second surge of cold air crossed the Canadian Border Sunday night in the Dakotas and will reach the Gulf Coast this evening. With clear skies at night - temperatures will drop much below normal from New Orleans to Houston. As surge number 2 moves toward the East in the middle of next week it is likely that a strong storm will develop in the Southeast and track toward the Northeast. Snow is likely during the middle of this week from Atlanta to Boston.
- **Surge #3:** Arctic surge number 3 will move into the Dakotas and dive to the Gulf Coast toward the middle of the week. With clear conditions overnight there will be another chance for a hard freeze across many sections of the Deep South. As cold air moves into the South another area of low pressure will develop in the Gulf of Mexico bringing another chance for snow in the Southeast. This storm will track up the East Coast toward the end of the week bringing more wintry precipitation from the Mid-Atlantic to the New England.
- **West:** Surging cold air in the East will allow a ridge to develop over the West. Off-Shore winds will bring above normal temperatures, especially in Southern California. Warm Santa Anna winds will be blowing early this week bringing temperatures near 80 in Southern California.

Next Week: Monday - Friday

No Place Like Home For The Holidays

- **U.S:** While it's not evident on today's American Model, the Canadian and European are pinpointing another surge of cold air for Christmas Week. The primary direction of this cold surge will be toward the Midwest and the East and it will likely be strong enough to support much below normal temperatures at its core.
- **East - Midwest:** Below and much below normal temperatures will persist through much of the week.
- **Rockies - Central:** As the axis of the cold air shifts east there will be a slow normalization for the Great Plains, parts of the Rockies and parts of the Deep South.
- **West:** A ridge of high pressure and off-shore flow should keep temperatures normal to above normal.





	YESTERDAY				NORMAL	18-Dec-00	Tue 12/19	Wed 12/20	Thu 12/21	Fri ####	Sat 12/23	Sun 12/24	Mon 12/25								
	4KZ	HI	LO		HI LO	HI LO	HI LO	HI LO	HI LO	HI LO	HI LO	HI LO	HI LO								
NATIONAL	52	52	30		50 33	47 30	47 30	45 29	b	44 29	b	44 28	b	48 31							
SEATTLE	47	48	34		45 35	46 37	45 36	46 35		48 36		47 39	48 40	a	45 39	47 37					
PORTLAND OR	51	49	38	a	45 34	48 35	46 37	46 34	45 33	46 37	47 38	46 37	47 38		46 37	47 38					
SALT LAKE CITY	39	39	29	a	36 20	36 22	38 18	35 23	35 14	37 15	38 20	37 22	37 22		36 22	36 22					
DENVER	44	58	25	A	44 17	37 21	55 18	a	27 19	b	29 4	B	40 7	b	48 14	48 17	45 21				
SACRAMENTO	61	60	43	a	52 37	60 34	57 35	58 36	57 38	55 38	53 36	53 37	53 37		53 37	52 34					
SAN FRANCISCO	60	63	44	a	55 42	63 46	a	58 42	61 44	a	57 45	57 45	55 42		56 43	56 42					
SAN JOSE	79	63	41		60 45	65 41	61 39	72 47	a	74 48	A	73 48	A	69 47	a	67 49	a	66 46			
FRESNO	58	68	45	b	70 52	57 36	B	55 35	B	58 36	B	59 35	B	57 38	B	56 35	B	54 37	B	52 35	B
LOS ANGELES (LAX)	83	74	52		72 55	79 53	75 52	73 51	71 52	71 51	69 51	69 51	68 51		66 52	b	65 50	b	65 50	b	
(EarthSat - Burbank)						81 50	46 74	73 46	45 71	b	69 44	b	43 64	B	66 39	B	38 71	B	38 71	B	
(FreeseNotis/Burbank)																				###	
SAN DIEGO	74	75	49		71 55	77 49	73 45	70 49	70 49	69 49	67 49	b	67 50	b	65 49	b	65 49	b	65 49	b	
LAS VEGAS	61	62	37	B	72 46	59 39	B	58 32	B	64 37	B	58 34	B	60 34	B	62 33	B	59 35	B	57 35	B
PHOENIX	74	72	42	a	65 41	70 44	a	73 45	a	74 47	a	71 46	a	72 45	a	72 46	a	71 48	a	68 47	a
TUCSON	78	70	36		64 39	68 39	73 40	a	73 39	a	71 38	73 40	a	72 41	a	68 44	a	65 40	a	65 40	a
ALBUQUERQUE	54	50	27	a	47 22	43 24	44 17	49 24	42 21	45 15	b	50 22	50 22		50 26	46 24	46 24	46 24	46 24	46 24	46 24
WEST	70	67	44		63 45	66 43	65 42	65 43	63 43	64 43	63 43	61 44	60 43		60 43	60 43	60 43	60 43	60 43	60 43	60 43
OKLAHOMA CITY	45	34	17	B	49 27	44 30	37 17	B	45 27	33 22	B	37 12	B	47 19	b	51 29	51 29	51 29	51 29	51 29	51 29
EL PASO	64	60	31		57 30	55 32	54 17	b	65 29	54 30	56 24	60 30	62 32		61 34	a	61 34	a	61 34	a	
DALLAS FT WORTH	54	44	22	B	56 35	54 40	50 25	b	58 26	43 30	B	44 18	B	52 24	b	56 34	60 37	60 37	60 37	60 37	60 37
(EarthSat)						53 39	50 25	b	53 24	b	42 26	B	43 19	B	48 25	B	53 32	57 37	57 37	57 37	57 37
AUSTIN	61	52	22	B	61 40	62 37	58 28	b	59 35	55 32	b	51 26	B	56 31	b	60 40	61 43	61 43	61 43	61 43	61 43
SAN ANTONIO	65	54	29	B	62 40	65 42	59 28	b	59 28	b	56 34	b	54 25	B	59 31	b	62 39	63 43	63 43	63 43	63 43
HOUSTON	60	52	27	B	63 41	66 42	50 28	B	55 26	B	54 34	b	52 27	B	54 32	B	61 38	62 43	62 43	62 43	62 43
(EarthSat)						61 36	54 29	B	53 23	B	52 34	B	48 26	B	52 30	B	58 35	b	62 39	b	62 39
LITTLE ROCK	30	31	15	B	51 32	45 27	b	36 26	B	41 18	B	37 26	B	33 17	B	41 18	B	48 26	b	51 32	51 32
(EarthSat)						41 23	B	36 18	B	39 15	B	31 19	B	31 12	B	37 16	B	44 22	B	50 29	50 29
BATON ROUGE	40	44	32	B	62 42	60 30	b	40 29	B	44 16	B	51 33	B	48 28	B	53 28	B	58 34	b	62 38	62 38
NEW ORLEANS	41	47	33	B	63 44	61 35	b	43 34	B	46 19	B	53 36	B	49 33	B	51 30	B	56 34	B	61 40	61 40
TEXAS	56	49	26	B	60 38	60 38	50 26	B	55 26	b	50 32	b	49 24	B	54 29	b	59 36	60 40	60 40	60 40	60 40
MPLS ST PAUL	13	2	-4	B	23 7	8 -1	B	9 -3	B	16 4	b	8 -2	B	11 -3	B	18 0	b	22 4	25 9	25 9	25 9
(EarthSat)						9 2	B	8 -5	B	13 3	b	4 -5	B	9 -9	B	13 -4	B	17 2	b	15 5	b
OMAHA	24	16	-2	B	33 14	13 8	B	23 1	B	26 12	b	15 11	B	22 -1	B	28 4	b	33 9	35 17	35 17	35 17
MILWAUKEE	25	15	15	b	29 15	18 4	B	17 11	b	22 11	b	18 14	b	18 7	B	23 8	b	28 12	29 14	29 14	29 14
DETROIT	31	35	10		33 19	23 10	B	23 17	b	25 14	b	25 16	b	22 15	b	23 11	B	27 12	b	30 17	30 17
CHICAGO	18	13	-1	B	32 17	16 0	B	19 9	B	22 9	B	18 14	B	18 5	B	22 6	B	28 12	b	32 16	32 16
(EarthSat)						17 -1	B	15 8	B	21 7	B	14 8	B	15 0	B	19 -1	B	25 8	b	27 14	27 14
(FreeseNotis)	28					17 0	b	13 9	B	19 9	B	22 14	b	5 5	B	5 6	B	15 12	B	20 16	b
[WGN Skilling]	35					23 16	b	20 5	B	22 12	b	23 5	B	22 0	B	23 15	b	30 18	###	###	###
INDIANAPOLIS	17	21	2	B	37 21	21 4	B	22 16	B	26 10	B	19 15	B	17 10	B	25 8	B	32 14	b	37 19	37 19
KANSAS CITY	25	15	0	B	37 20	20 14	B	26 7	B	30 13	b	19 11	B	26 2	B	29 8	B	38 15		42 22	42 22
ST LOUIS	16	15	2	B	40 24	26 14	B	26 16	B	31 13	B	20 18	B	20 9	B	29 11	B	38 20		43 27	43 27
CLEVELAND	37	50	10		35 22	23 10	B	27 18	b	23 13	B	29 16	b	26 17	b	24 12	B	29 13	b	33 18	33 18
CINCINNATI	23	34	7	B	40 23	26 7	B	26 22	b	26 12	B	26 18	B	21 14	B	27 11	B	33 14	b	38 21	38 21
(EarthSat)						24 6	B	28 16	B	26 15	B	27 19	B	19 13	B	24 5	B	29 12	B	36 18	b
COLUMBUS OH	34	50	11		37 23	24 8	B	26 22	b	23 13	B	30 18	b	21 17	B	26 13	B	31 14	b	36 19	36 19
CENTRAL	23	23	4	B	34 18	19 5	B	21 12	B	24 11	B	20 14	B	20 8	B	24 8	B	30 13	b	33 17	33 17
BOSTON	58	64	39	A	39 25	47 42	A	42 31	a	34 29	32 24	40 28	33 25		31 19	b	32 18	b	32 18	b	32 18
(EarthSat)						42 34	a	39 28		36 29	35 22	38 27	30 24	b	29 18	B	31 16	B	31 16	B	31 16
PROVIDENCE	61	60	40	A	40 23	44 39	A	42 26		36 29	37 22	39 28	32 24		32 18	b	34 17	b	34 17	b	34 17
HARTFORD	55	63	33	A	36 19	42 37	A	38 25	a	31 24		34 24	30 20		28 14	b	31 13	b	31 13	b	31 13
BUFFALO	46	47	27	A	34 21	29 24		32 19		27 17	b	30 16	b	30 19	25 15	b	26 13	b	29 15	b	29 15
SYRACUSE	47	62	28	A	34 19	30 26		31 17		26 17	b	30 16		31 20	24 16	b	27 9	B	27 11	b	27 11
NEW YORK CITY (LGA)	55	61	33	A	40 29	41 33		45 32	a	36 33		36 27	38 30		32 26	b	33 22	b	36 23	b	36 23
(EarthSat LGA)						41 28		42 32		38 32		37 25	39 31		31 25	b	31 21	B	34 22	b	34 22
(FreeseNotis LGA)	38					31		42	a	33		36	30	b	18	B	18	B	29	b	29
PITTSBURGH	39	49	14		37 23	24 10	B	34 21		26 18	b	33 19	29 20	b	26 14	B	29 13	B	34 17	b	34 17
PHILADELPHIA	55	64	31	A	41 26	42 28		46 28		39 31		40 23	38 29		32 24	b	34 19	b	37 19	b	37 19
(EarthSat)					###	42 27		42 29		37 29		38 21	38 28		31 24	b	32 17	B	36 18	b	36 18
NORTHEAST	54	61	32	A	40 28	40 32		44 30		36 31		36 25	37 29		32 25	b	33 21	b	35 21	b	35 21
BALTIMORE	52	62	27	A	43 27	40 25		43 26		38 27		39 22	b	36 27	32 23	b	35 18	B	40 20	b	40 20
(EarthSat)	0					41 26		42 28		37 28		37 22	b	38 28	31 22	B	32 16	B	36 19	b	36 19
WASHINGTON DC	48	60	29	a	45 30	42 27		45 30		37 29	b	36 24	b	37 30	33 25	B	36 22	B	40 23	b	40 23
(EarthSat)						41 27		40 31		38 30		39 23	b	38 30	32 25	B	34 21	B	39 24	b	39 24
MEMPHIS	20	24	12	B	51 34	42 22	B	29 24	B	41 17	B	35 26	B	32 18	B	41 19	B	47 27	b	51 32	51 32
NASHVILLE	22	34	12	B	49 29	38 15	B	27 27	B	30 12	B	30 22	B	27 17	B	35 15	B	42 24	b	47 27	47 27
KNOXVILLE	35	30	30	B	49 29	37 16	B	33 29	b	32 19	B	36 23	B	32 22	B	34 16	B	40 21	b	45 26	45 26
BIRMINGHAM	27	27	22	B	54 34	43 20	B	28 27	B	36 12	B	43 24	B	39 22	B	41 18	B	46 25	B	52 30	52 30
RICHMOND	49	67	31	A	49 29	43 25	b	48 27		39 27	b	43 23	b	40 30	36 23	B	41 20	B	45 23	b	45 23
NORFOLK VA	62	71	43	A	51 34	46 29	b	55 32		36 32	B	47 29	b	43 35	37 30	B	42 25	B	44 27	b	44 27
RALEIGH	50	56	45	A	51 31	44 22	b	50 28		36 24	B	46 25	b	42 30	b	37 24	B	43 21	B	48 25	b
CHARLOTTE	43	65	28	a	51 32																

YESTERDAY			NORMAL	18-Dec-00	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
<u>Celsius</u>	HI	LO	HI LO	HI	HI LO	HI LO	HI LO	HI LO	HI LO	HI LO	HI LO
CALGARY,AB			-3 -15	-18	-1 -6 A	-5 -12	2 -13 a	4 -11 A	7 -5 A	1 -6 A	2 -6
EDMONTON,AB			-8 -18	-18	-6 -12 a	-10 -17	-8 -17	-5 -14 a	-1 -11 A	-3 -9 A	-2 -9
REGINA,SK			-9 -21	-18	-9 -19	-18 -18 b	-16 -26 B	-12 -23	-7 -20	-7 -15 a	-7 -14
WINNIPEG,MB			-11 -21	-18	-16 -26 b	-18 -23 b	-21 -27 B	-17 -25 b	-16 -23 b	-12 -21	-10 -18 A
QUEBEC,QE			-6 -15	-18	-8 -14	-8 -13	-9 -17	-6 -13	-8 -13	-9 -18	-11 -18
NORTHBAY, OT			-6 -16	-18	-11 -20 b	-11 -18 b	-9 -17	-12 -16 b	-11 -18 b	-10 -17	-9 -16
MONTREAL, QE			-6 -15		-18	-18	-18	-18			
TORONTO, OT			-7 -16		-18	-18	-18	-18			
VANCOUVER, BC			6 1	-18	6 1	6 -1	7 1	7 2	7 3	7 2	7 1
<u>Fahrenheit</u>	HI	LO	NORMAL	HI	HI LO	HI LO	HI LO	HI LO	HI LO	HI LO	HI LO
CALGARY,AB			27 5	0	30 22 A	23 10	36 9 a	40 13 A	45 23 A	33 22 A	35 22 A
EDMONTON,AB			18 -1	0	22 11 a	14 1	17 1	23 6 a	31 12 A	26 15 A	28 16 A
REGINA,SK			15 -5	0	15 -2	-1 -1 b	3 -15 B	11 -9	20 -4	19 5 a	20 6 a
WINNIPEG,MB			12 -6	0	3 -15 b	-1 -9 b	-6 -17 B	1 -13 b	3 -9 b	11 -5	14 -1
QUEBEC,QE			21 5	0	18 6	17 9	16 1	21 9	17 9	15 -1 b	13 0 b
NORTHBAY, OT			21 4	0	12 -4 b	12 -1 b	16 1	11 3 b	13 -1 b	14 1	16 3
MONTREAL, QE			22 6								
TORONTO, OT			20 4								
VANCOUVER, BC			42 33	0	42 34	42 31	45 33	45 35	45 37	44 36	44 34
YESTERDAY			NORMAL	18-Dec-00	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
BOISE	44 25	b	54 34	40 22 B	38 24 B	37 22 B	34 20 B	33 20 B	37 21 B	38 23 B	37 21 B
POCATELLO	37 27	a	33 15	30 16	33 13	28 16	29 9	36 6	36 14	36 18	32 17
GREAT FALLS	40 21	b	50 30	37 22 B	36 28 b	32 16 B	31 11 B	37 17 B	45 25	44 27	32 22 B
BILLINGS	38 28	b	50 30	35 22 B	44 24 b	28 20 B	25 9 B	34 14 B	40 24 b	38 25 b	36 26 b
CASPER	35 24	a	33 13	28 14	37 20 a	26 13	26 1 b	33 9	39 16	38 19 a	37 22 a
CHEYENNE	48 22	a	38 16	29 18	46 14	21 17 b	23 3 B	37 8	43 15	42 18	40 21
RENO	49 27	a	45 19	50 15	52 20	51 16	50 20	48 23	49 17	44 20	41 18
BISMARCK	16 -10	b	23 1	9 0 b	20 -7 b	12 10	6 -8 B	16 -9 b	23 -6	25 4	24 7
FARGO	1 -13	B	18 0	0 -7 B	5 -13 B	8 2	1 -9 B	10 -8 b	12 -3	19 4	21 5
RAPID CITY	38 3		35 12	22 19	47 8	24 21	17 -3 B	31 0 b	36 11	36 16	37 16
SIOUX FALLS	11 -8	B	26 6	7 2 B	13 -4 B	20 8	8 -2 B	17 -5 b	23 -2 b	28 7	26 12
DES MOINES	7 -4	B	31 14	8 4 B	15 3 B	22 9 b	12 7 B	15 0 B	25 2 b	30 9	33 16
MADISON	10 10	b	28 11	12 0 B	17 4 b	19 4 b	14 10 b	14 0 B	20 1 b	24 6	28 10
GREEN BAY	21 21		26 10	18 3 b	19 7	19 2 b	16 8 b	14 2 b	19 2 b	22 6	25 9
YESTERDAY			NORMAL	18-Dec-00	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
BURBANK				0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
FLAGSTAFF	57 18	B	67 40	44 25 B	50 10 B	47 19 B	44 15 B	49 11 B	49 17 B	45 18 B	43 18 B
INT'L FALLS	0 0		0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
DODGE CITY	2 -4		14 -6	4 -7 b	4 -16 b	6 -4	0 -11 b	3 -13 b	8 -10	13 -5	16 -1
BAKERSFIELD	19 3	B	43 20	34 26	43 11	33 25	23 11 B	34 8 B	47 14	49 21	45 22
OAKLAND	50 38		56 38	63 39	58 35	62 36	60 36	58 38	57 36	55 39	53 37

GAS DEMAND FORECAST - TOTAL DEMAND										12/18/2000												6-10 DAY PERIOD									
YESTERDAY		TODAY		Tue	12/19	Wed	12/20	Thu	12/21	Fri	12/22	Sat	12/23	Sun	12/24	Mon	12/25	Tue	12/26	Wed	12/27	Thu	12/28								
NW	MM/d	<395>	MM/d	<23>	MM/d	<241>	MM/d	127	MM/d	161	MM/d	<11>	MM/d	<259>	MM/d	<211>	MM/d	<213>	MM/d	<171>	MM/d	<188>	MM/d	<134>							
WA	878	<17>	906	<41>	934	<13>	932	<14>	890	<57>	864	<82>	801	<120>	857	<64>	891	<70>	904	<57>	863	<98>	878	<83>							
OR	533	<49>	582	<31>	588	<25>	604	<8>	619	6	588	<25>	550	<37>	563	<24>	573	<39>	579	<33>	585	<28>	588	<25>							
ID	244	<24>	272	<8>	272	<8>	280	0	292	13	295	15	271	<2>	263	<10>	282	<3>	280	<5>	277	<8>	287	3							
MT	193	<37>	224	<21>	196	<49>	246	1	277	32	245	<0>	198	<42>	200	<39>	211	<38>	214	<36>	206	<43>	209	<41>							
WY	201	<25>	247	11	226	<10>	262	26	282	46	251	13	220	<8>	217	<11>	224	<13>	226	<12>	221	<18>	223	<17>							
CO	963	<242>	1,323	66	1,120	<137>	1,380	123	1,378	121	1,325	68	1,171	<49>	1,157	<64>	1,223	<50>	1,245	<28>	1,280	7	1,302	29							
SW		<1249>		<1201>		<1217>		<1372>		<1426>		<1374>		<1036>		<1080>		<580>		431		2152		2451							
CA	4,889	<1058>	5,256	<1045>	5,191	<1111>	5,183	<1119>	4,955	<1347>	5,042	<1259>	5,432	<839>	5,419	<852>	6,119	<423>	7,074	532	8,620	2077	8,817	2275							
NV	396	<49>	406	<67>	479	6	404	<69>	459	<14>	451	<23>	433	<25>	427	<31>	454	<24>	454	<24>	535	58	563	86							
UT	580	<67>	676	<4>	683	<5>	678	<10>	717	29	701	13	645	<14>	641	<18>	676	<11>	688	0	723	35	748	48							
AZ	336	<40>	349	<109>	323	<134>	303	<154>	328	<130>	329	<129>	308	<130>	300	<138>	341	<117>	385	<72>	422	<35>	487	29							
NM	455	<35>	538	25	541	27	494	<20>	549	36	537	23	471	<28>	459	<40>	517	<4>	517	<4>	538	17	535	12							
TX		4136		<12>		3595		3072		2157		4532		2375		438		<514>		<170>		<508>		<1318>							
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OK	1,574	341	1,343	29	1,601	287	1,369	56	1,615	301	1,638	325	1,379	94	1,208	<77>	1,221	<120>	1,300	<41>	1,384	43	1,315	<40>							
AR	1,240	376	990	106	1,087	203	1,114	230	1,077	194	1,202	318	1,114	211	970	67	884	<19>	912	9	884	<19>	836	<76>							
LA	4,118	564	3,971	229	4,360	619	4,658	916	4,092	350	4,252	510	4,103	483	3,912	292	3,857	80	3,857	80	3,749	<28>	3,649	<127>							
CTRL		5992		6623		4549		4229		4468		5621		4113		1782		<257>		415		1836		523							
ND	169	22	173	18	169	13	158	2	186	30	176	20	157	6	144	<8>	148	<10>	153	<6>	158	0	161	0							
SD	221	54	219	44	220	42	186	9	225	48	214	35	190	17	166	<8>	168	<14>	181	<2>	202	19	191	7							
MN	1,884	356	1,897	289	1,903	283	1,768	148	1,904	284	1,885	239	1,708	131	1,622	21	1,594	<76>	1,643	<27>	1,780	110	1,707	13							
NE	685	178	677	139	661	122	587	48	651	112	677	138	592	65	541	15	513	<37>	533	<16>	571	22	544	<16>							
IA	1,430	362	1,416	293	1,363	232	1,252	121	1,356	224	1,389	257	1,232	131	1,133	32	1,096	<52>	1,147	<1>	1,200	52	1,158	<8>							
KS	1,399	304	1,405	249	1,378	210	1,282	114	1,422	254	1,380	213	1,233	90	1,171	28	1,076	<116>	1,142	<50>	1,226	33	1,168	<48>							
MO	2,198	906	1,848	481	1,810	424	1,770	384	1,888	502	2,060	674	1,771	405	1,439	73	1,271	<154>	1,385	<39>	1,502	77	1,406	<57>							
WI	2,067	308	2,279	425	2,192	320	2,099	226	2,119	246	2,239	347	2,044	212	1,886	36	1,911	<19>	1,949	19	2,061	132	2,005	38							
MI	4,481	368	5,157	823	4,933	554	4,952	574	4,884	506	5,038	617	4,913	633	4,733	413	4,633	127	4,708	202	4,904	397	4,763	217							
IL	6,894	2045	6,988	1929	6,366	1191	6,198	1023	6,158	983	6,627	1452	6,092	1021	5,456	385	5,233	<58>	5,348	58	5,694	403	5,522	116							
IN	2,972	787	3,057	755	2,769	444	2,813	488	2,858	533	3,013	689	2,760	489	2,483	213	2,369	<0>	2,413	44	2,546	178	2,480	67							
OH	4,249	301	5,387	1178	4,934	713	5,313	1092	4,967	746	5,225	940	5,056	911	4,786	581	4,539	153	4,620	234	4,800	413	4,682	196							
NE		<3671>		<385>		<648>		312		787		203		1060		1305		981		1077		1223		1009							
MA	858	<472>	1,103	<311>	1,302	<113>	1,444	30	1,531	116	1,365	<49>	1,442	61	1,535	155	1,598	158	1,621	180	1,613	173	1,613	146							
RI	236	<73>	285	<41>	315	<11>	325	<2>	337	10	319	<8>	331	14	341	24	352	21	354	23	355	23	355	19							
CT	314	<208>	441	<114>	521	<33>	571	16	588	34	551	<6>	567	26	597	53	610	43	616	48	616	48	616	38							
ME	15	<9>	18	<8>	24	<2>	25	<1>	26	0	25	<2>	25	<0>	27	2	28	1	29	2	30	3	29	2							
NH	51	<37>	62	<30>	87	<6>	92	<1>	98	5	91	<2>	93	3	97	6	102	8	103	9	103	8	103	7							
VT	19	<17>	34	<4>	38	0	39	1	39	1	35	<3>	38	1	41	3	43	4	43	4	43	4	43	4							
NY	2,669	<950>	3,710	<71>	3,571	<288>	3,971	112	4,122	263	3,953	93	4,146	371	4,175	398	4,206	265	4,222	282	4,316	376	4,328	311							
PA	2,252	<604>	3,272	222	2,974	<75>	3,193	144	3,258	209	3,215	118	3,375	387	3,400	368	3,410	247	3,435	272	3,442	279	3,431	225							
NJ	1,181	<1301>	2,561	<28>	2,529	<119>	2,661	13	2,797	149	2,711	62	2,790	197	2,890	297	2,941	235	2,963	257	3,015	309	3,019	257							
SE		1385		2400		1924		3121		2029		2376		2373		1533		567		700		472		<9>							
MD	643	<202>	977	72	928	23	983	78	1,015	110	1,009	90	1,044	154	1,034	131	1,016	75	1,022	80	1,										

UNDERGROUND STORAGE STATUS REPORT

	INVENTORY			INJ/-WD			THIS YEAR			H D-DAYS			THIS YR I/W			THIS YR HDDs		
	2000	1999	delta	2000	1999	5YR	C-W	P-R	C-E	2000	1999	5YR	C-W	P-R	C-E	C-W	P-R	C-E
3/1/2000																		
3/3/2000	1157	1593	-436	-37	-69	-76	258	372	527	101	131	137	-9	-4	-24	98	40	118
3/10/2000	1126	1459	-333	-31	-134	-117	245	370	511	92	175	161	-13	-2	-16	103	43	101
3/17/2000	1064	1372	-308	-62	-87	-60	236	355	473	115	139	133	-9	-15	-38	86	65	139
3/24/2000	1021	1335	-314	-43	-37	-28	243	340	438	118	120	109	7	-15	-35	76	52	152
3/31/2000	1031	1337	-306	10	2	-6	256	334	441	75	88	92	13	-6	3	72	18	90
4/7/2000	1033	1367	-334	2	30	6	261	330	442	73	64	92	5	-4	1	53	39	90
4/14/2000	1008	1369	-361	-25	2	5	269	322	417	96	83	90	8	-8	-25	53	40	128
4/21/2000	1027	1374	-347	19	5	24	277	325	425	65	77	72	8	3	8	58	14	80
4/28/2000	1059	1408	-349	32	34	47	286	328	445	73	64	54	9	3	20	38	11	103
5/5/2000	1117	1480	-363	58	72	64	293	345	479	38	38	45	7	17	34	28	5	51
5/12/2000	1163	1559	-396	46	79	66	298	346	519	13	30	39	5	1	40	33	1	8
5/19/2000	1218	1632	-414	55	73	80	304	353	561	25	22	28	6	7	42	36	3	27
5/26/2000	1274	1703	-429	56	71	86	310	363	601	28	16	16	6	10	40	12	2	41
6/2/2000	1352	1794	-442	78	91	93	322	377	653	19	7	17	12	14	52	15	0	25
6/9/2000	1430	1857	-427	78	63	85	326	398	706	15	6	11	4	21	53	12	1	21
6/16/2000	1494	1942	-448	64	85	89	331	409	754	8	8	6	5	11	48	10	0	10
6/23/2000	1567	2033	-466	73	91	89	340	421	806	3	4	3	9	12	52	7	1	2
6/30/2000	1636	2102	-466	69	69	77	348	432	856	1	2	2	8	11	50	3	0	1
7/7/2000	1733	2161	-428	97	59	91	356	458	919	2	2	2	8	26	63	7	0	0
7/14/2000	1803	2239	-436	70	78	82	365	467	971	1	1	1	9	9	52	2	0	0
7/21/2000	1857	2280	-423	54	41	62	370	468	####	2	1	1	5	1	48	4	0	1
7/28/2000	1920	2306	-386	63	26	59	368	484	####	2	1	1	-2	16	49	3	0	1
8/4/2000	1985	2351	-366	65	45	59	367	501	####	0	1	1	-1	17	49	1	0	0
8/11/2000	2037	2402	-365	52	51	68	367	513	####	1	1	1	0	12	40	2	0	0
8/18/2000	2092	2452	-360	55	50	64	366	517	####	1	1	1	-1	4	52	2	0	1
8/25/2000	2144	2521	-377	52	69	64	361	529	####	2	1	1	-5	12	45	3	0	2
9/1/2000	2186	2587	-401	42	66	66	360	532	####	1	2	2	-1	3	40	4	0	0
9/8/2000	2258	2668	-410	72	81	84	365	549	####	8	2	2	5	17	50	8	0	10
9/15/2000	2325	2746	-421	67	78	75	367	566	####	2	8	4	2	17	48	5	0	2
9/22/2000	2402	2825	-423	77	79	70	369	584	####	14	19	17	2	18	57	8	1	20
9/29/2000	2480	2887	-407	78	62	68	372	609	####	36	14	19	3	25	50	23	13	47
10/6/2000	2542	2936	-394	62	49	64	375	621	####	23	48	26	3	12	47	18	1	31
10/13/2000	2571	2978	-407	29	42	57	378	627	####	83	30	35	3	6	20	47	69	101
10/20/2000	2642	2991	-349	71	13	44	380	649	####	33	64	53	2	22	47	36	4	39
10/27/2000	2712	2995	-283	70	4	30	385	666	####	32	74	67	5	17	48	36	4	37
11/3/2000	2748	3007	-259	36	12	14	383	687	####	69	61	72	-2	21	17	65	9	86
11/10/2000	2742	3016	-274	-6	9	-27	372	688	####	87	63	106	-11	1	4	87	66	93
11/17/2000	2648	2996	-348	-94	-20	-52	341	664	####	139	99	125	-31	-24	-39	144	124	142
11/24/2000	2502	3001	-499	-146	5	-44	328	622	####	180	78	113	-13	-42	-91	120	140	214
12/1/2000	2429	2932	-503	-73	-69	-51	323	611	####	143	130	126	-5	-11	-57	105	96	170
12/8/2000	2271	2859	-588	-158	-73	-68	316	570	####	189	117	134	-7	-41	-110	104	149	233
12/15/2000	2096	2743	-647	-175	-116	-114	299	520	####	198	148	160	-17	-50	-108	136	149	236
12/22/2000	1910	2570	-660	-186	-173	-148	286	460	####	193	181	176	-13	-60	-113	116	165	231
12/29/2000	1752	2437	-685	-158	-133	-135	270	411	####	202	191	198	-16	-49	-94	141	166	236
1/5/2001	1622	2322	-700	-130	-115	-126	257	376	989	200	140	163	-13	-35	-82	140	144	238
1/12/2001	1480	2212	-732	-142	-110	-136	243	337	899	203	147	187	-14	-38	-90	138	146	243
1/19/2001	1303	2017	-714	-177	-195	-163	227	290	786	203	201	187	-16	-47	-113	135	146	246
1/26/2001	1136	1775	-639	-167	-242	-153	212	246	678	203	235	188	-15	-44	-108	132	144	247
2/2/2001	973	1562	-589	-162	-213	-156	198	203	571	199	214	188	-14	-42	-107	126	137	244
2/9/2001	852	1404	-552	-121	-158	-117	188	173	491	192	172	169	-10	-31	-80	121	129	237
2/16/2001	734	1268	-534	-118	-136	-116	179	143	411	184	157	164	-9	-29	-80	115	119	229
2/23/2001	653	1194	-541	-81	-74	-81	173	124	356	173	132	147	-6	-20	-55	109	107	216
3/2/2001	602	1157	-555	-51	-37	-58	169	112	321	160	101	127	-4	-12	-35	104	94	200
3/9/2001	544	1126	-582	-58	-31	-79	165	98	281	149	92	149	-5	-13	-40	100	82	186
3/16/2001	476	1064	-588	-68	-62	-82	159	84	233	134	115	138	-5	-14	-48	94	66	168
3/23/2001	423	1021	-598	-53	-43	-51	155	74	194	121	118	123	-4	-10	-39	86	53	153
3/30/2001	409	1031	-622	-14	10	-12	154	72	183	107	75	89	-1	-2	-11	79	39	136



EarthSat's Energy Weather One to Five Day Outlook

EARTH SAT

Monday

DAY

12/18/00

DATE

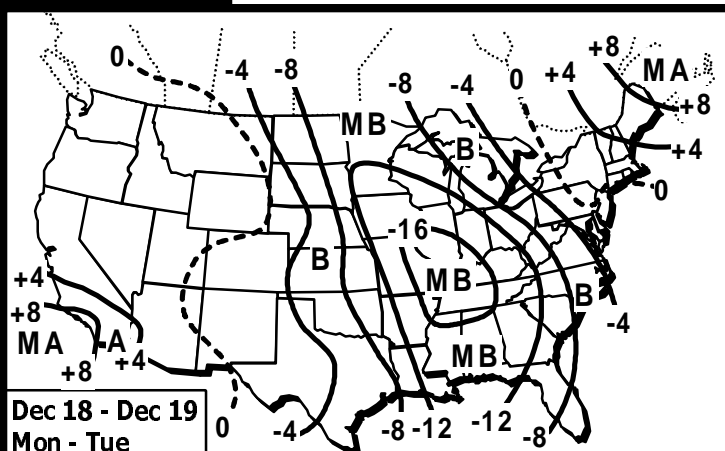
6:30 A.M.

TIME

R/DS

FORECASTER

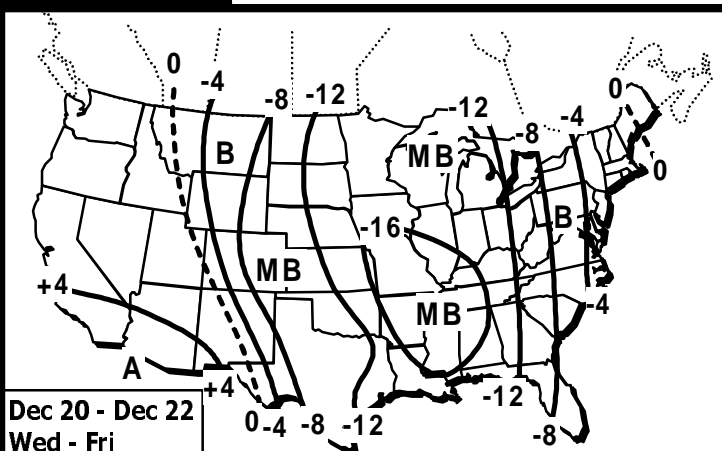
DAYS 1 - 2



Cold Shot To Reinforce Below Normal Temps

Another shot of cold air will move into the Plains today, and the Midwest tomorrow. The Northern Plains should see highs only in the single digits to teens today, with 20s and low 30s in the Central Plains. The cooler air should move into Texas this afternoon, dropping lows tonight to the mid and upper 20s in Dallas and Houston. In the Midwest, St. Louis can expect highs in the upper 20s to near 30 today, before dropping to the single digits tonight and struggling into the teens tomorrow. Chicago also remains cold, with highs only in the teens during the period. The Southeast can also expect below normal temps, with lows in Atlanta near 20. Southern California and parts of the Northeast will run above normal.

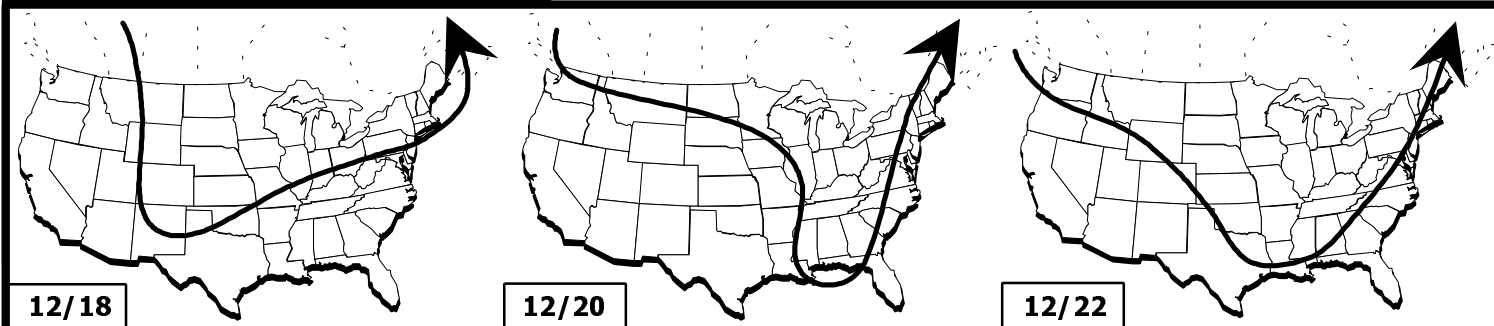
DAYS 3 - 5



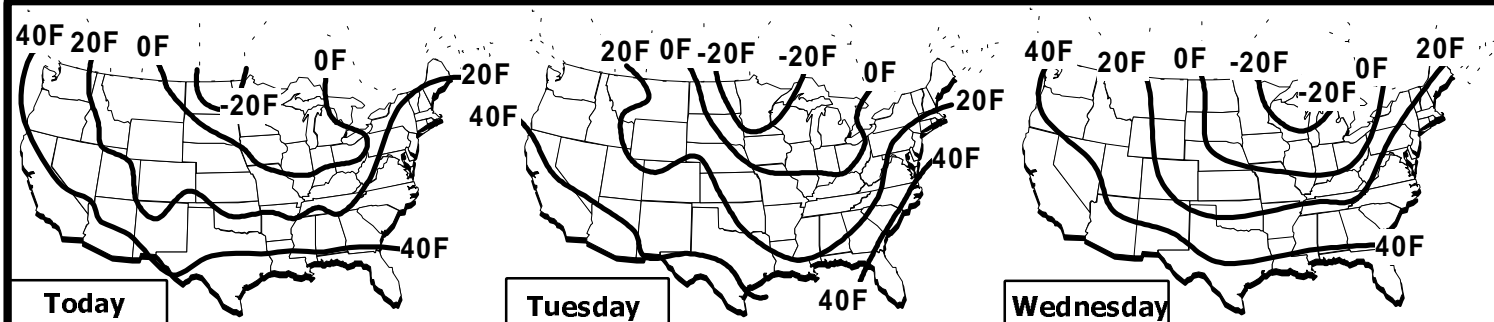
Another Cold Shot For The Midwest On Thursday

Slightly warmer weather is expected for the Midwest on Wednesday, but temp anomalies will remain below normal through the period. Much colder weather is expected on Thursday and Friday with highs in the 0s to the north, 10s around St. Louis, and low 30s for Memphis. Texas can expect much cooler weather by Thursday as well. Highs will fall from the 50s into the lower 40s for Dallas and around 50F for Houston. Below to seasonable temps are expected for the East Coast with little change expected through the period. Little change is also expected in the western U.S. west of the Divide. Temps in the Southeast will gradually warm from the middle 30s to the low 40s by Friday.

JET STREAM FORECAST



AVERAGE DAILY WIND CHILL FORECAST





EarthSat's Energy Weather

6 to 10 Day Report: Dec 24 - Dec 28, 2000

EARTH SAT

Monday

DAY

12/18/00

DATE

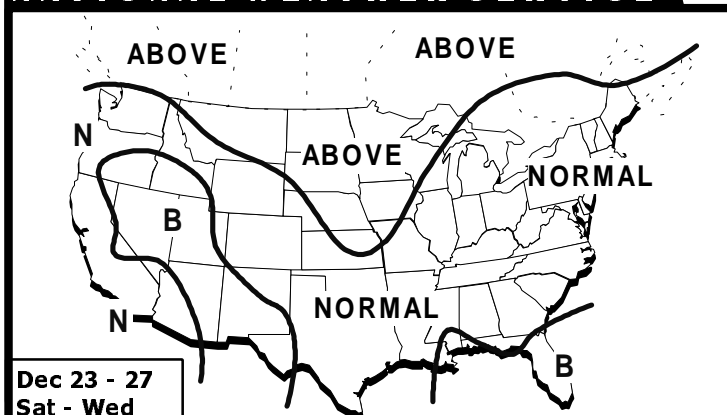
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TIME

CH

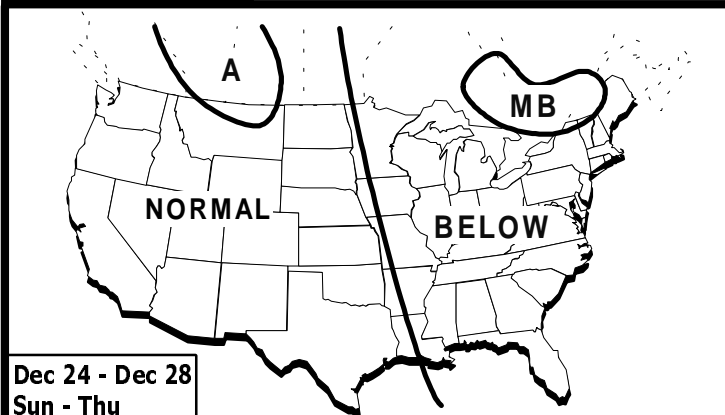
FORECASTER

NATIONAL WEATHER SERVICE

Dec 23 - 27
Sat - Wed

Prepared: 12/17, Sun. Afternoon Confidence: N/A

EARTHSAT

Dec 24 - Dec 28
Sun - Thu

Prepared: 12/18, Mon. Morning Confidence: Moderate

TODAY'S HIGHLIGHTS

****All Models Colder vs. Weekend Runs********Best Chance for Cold is Early in Period****

Model Update:

All the models were available this morning.

General Synopsis:

The Midwest, South and East will experience much below normal anomalies early in the period. Chicago will observe high temps in the teens late this week and over the weekend. Friday and Saturday morning lows will bottom out around 0F for Chicago. The Middle Atlantic will generally bottom out for 1 day (day 7) with much below normal anomalies. But again, the airmass here will not be as brutal as what occurs in the Midwest. Days 9 and 10 have very little confidence due to model inconsistencies.

National Weather Service:

The NWS is back to its old tricks again placing a warmer forecast overall. Expect their forecast to be cooler this afternoon after the "human being" tweaks a few things.

MODEL FORECASTS

Models	Midwest	E. Coast	South	West
American	B-MB	B-MB	B-MB	N-A
European	B-MB	B-MB	B	N-A
Canadian	B-MB	B-MB	B-MB	A

MODEL/TECHNICAL DISCUSSION

All three main models (American, European and Canadian) all came in cooler today versus their warmer shifts over the weekend. But the Canadian and European models are similar to Friday's scenario. The best chance for the coldest weather will be early in the period. On days 6 and 7, high pressure is fairly strong with a 1032 mb high recorded on the MRF and 1030 mb recorded on the Canadian. These 2 models are consistent in placing the center of the high pressure system across the Midwest and settles in the Southeast. The European model has the cold high pressure system further to the north (across the Midwest and exits off the Middle Atlantic shore). The European model tends to exaggerate this high a bit too much which is typical of this model anyways. Because of the lack of day to day consistency, EarthSat will remain with an overall moderate confidence level. The models by the middle to latter part of the 6 to 10 day period moves the center of the upper level western ridge just offshore. When this occurs, the ridge does not quite reach into the cold source region and thus the eastern two-thirds of the U.S. warms up. One main reason for this ridge to move to the west is the development of a storm system in the Four Corners region. The MRF has been consistent, ever since Friday, on this particular feature. Because of this in the West, parts of California may not be quite as warm versus Friday's forecast.

THE BOTTOM LINE

Cold Early for Midwest and East; Ridge Moves West Late.

6 - 10 DAY CHANGES TRENDS

N E R C	WSCC- Cooler	NPCC- Warmer	Changes/trends are shifts from previous day forecasts in terms of the 6 to 10 day average temperature forecasts.	Pacific- Cooler	ESC- Warmer	F E R C
	MAPP- Warmer	ECAR- Warmer		Mtns- Neutral	NEng- Warmer	
	SPP- Warmer	MAAC- Warmer		WNC- Neutral	MATl- Warmer	
	ERCOT- Warmer	SERC- Warmer		WSC- Warmer	SATl- Neutral	
	MAIN- Warmer	FRCC- Neutral		ENC- Warmer		



EarthSat's Energy Weather

The 6 to 10 Day Forecast - Detailed Version

EARTHSAT

Monday

DAY

12/18/00

DATE

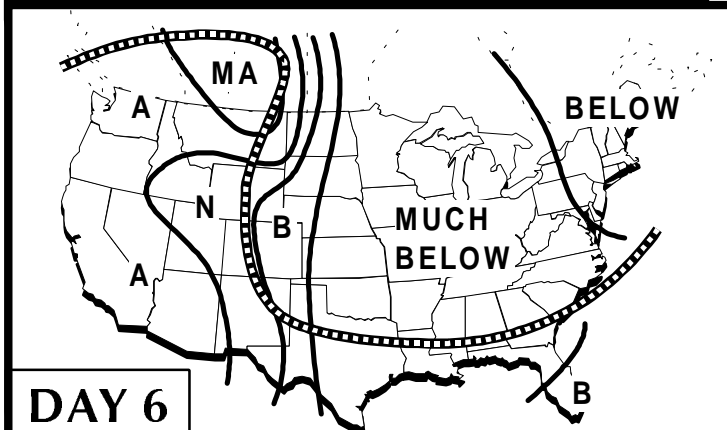
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TIME

CH/BB

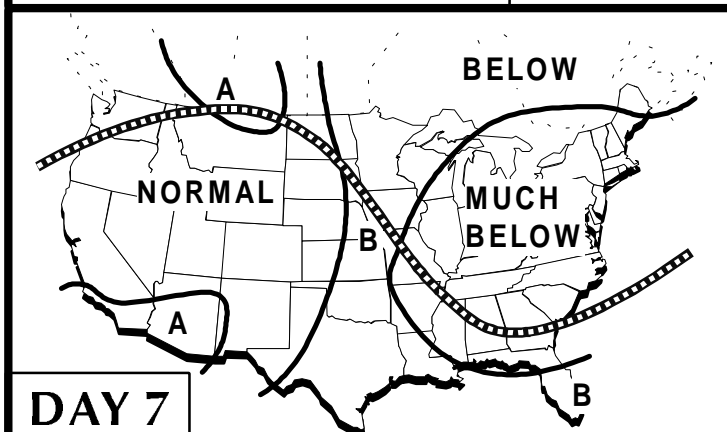
FORECASTER

FORECAST TEMP. DEVIATIONS



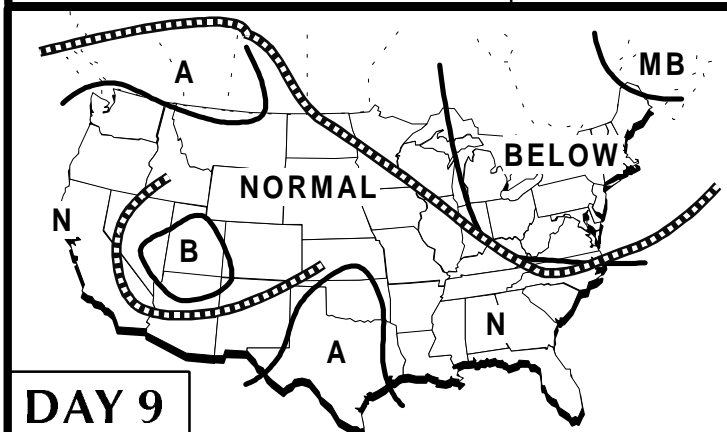
FORECAST VALID: Saturday, 12/23

CONFIDENCE: 6



FORECAST VALID: Sunday, 12/24

CONFIDENCE: 5



FORECAST VALID: Tuesday, 12/26

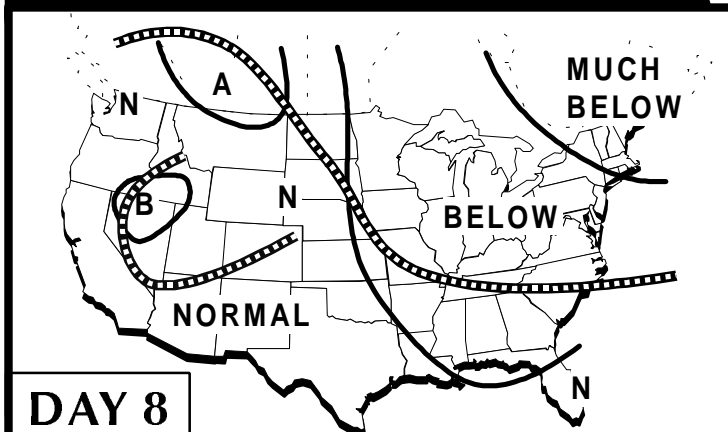
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DISCUSSION

Coldest Temps Expected Early to Mid-Period.

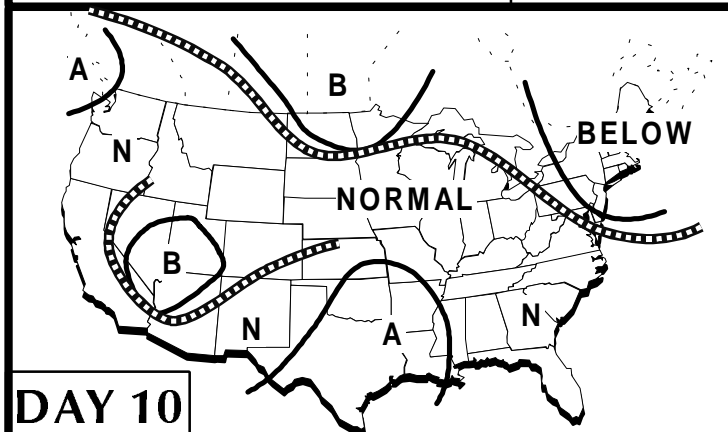
A cold high pressure system is forecast to dominate the eastern half of the U.S. early with temps 8-17 degrees below normal in the Plains to the Mid-Atlantic. By mid-period, the coldest anomalies are forecast to shift into the Northeast as the Midwest begin moderates to below normal. In Philly on days 6-8, highs in the low to mid 30s are expected with lows bottoming out in the upper teens. By the end of the 6-10 day period, readings may continue to moderate. The cold trough is forecast to be focused in the NE with seasonable temps for the Midwest. In the West, temps are expected to cool to normal or at times below (coolest in the interior SW).

FORECAST TEMP. DEVIATIONS



FORECAST VALID: Monday, 12/25

CONFIDENCE: 5



FORECAST VALID: Wednesday, 12/27

CONFIDENCE: 2

LEGEND

MUCH ABOVE.. +8F OR UP
ABOVE..... +3F TO +7F

NORMAL
-2F TO +2F

MUCH BELOW..... -8F OR DOWN
BELOW..... -7F TO -3F

Jet Stream

Confidence Level Boxes: 1=Low, 5=Moderate, 10=High

NUCLEAR POWER PLANT STATUS REPORT

			MW	OPS %		REPLACEMENT			MM	COMMENT	
				12/18	12/17	OIL	COAL	GAS	CFD	OFF	
----- NPCC -----			6,940	77%	73%				18 MM LESS gas required than yesterday		
	MILLSTONE 1	CT	0	0	0	80%	0%	20%	45	#N/A	#N/A
	MILLSTONE 2	CT	663	100	100	80%	0%	20%	0		
	MILLSTONE 3	CT	1,137	100	100	80%	0%	20%	0		
	PILGRIM 1	MA	670	100	100	50%	42%	10%	0		
more	SEABROOK 1	NH	1,122	0	0	30%	68%	2%	0	10/20/2000	Cold Shutdown REFUELING OUTAGE
	FITZPATRICK 1	NY	780	100	55	25%	45%	20%	0		
	GINNA 1	NY	470	100	100	25%	45%	20%	0		
	INDIAN POINT 2	NY	939	0	0	25%	45%	20%	48	2/15/2000	Hot Shutdown EXITING MAINTENANCE/REFUELING
	INDIAN POINT 3	NY	965	100	100	25%	45%	20%	0		
	NINE MILE POINT 1	NY	614	100	100	25%	45%	20%	0		
	NINE MILE POINT 2	NY	1,137	100	100	25%	45%	20%	0		
	VERMONT YANKEE 1	VT	504	100	100	50%	42%	8%	0		
----- MAAC -----			12,024	98%	100%				1 MM MORE gas required than yesterday		
	CALVERT CLIFFS 1	MD	825	100	100	4%	91%	5%	0		
	CALVERT CLIFFS 2	MD	825	100	100	4%	91%	5%	0		
	HOPE CREEK 1	NJ	1,067	100	100	2%	88%	10%	0		
	OYSTER CREEK 1	NJ	610	100	100	2%	88%	10%	0		
	SALEM 1	NJ	1,106	100	100	2%	88%	10%	0		
	SALEM 2	NJ	1,106	100	100	2%	88%	10%	0		
less	LIMERICK 1	PA	1,055	86	100	2%	97%	1%	0		Power Operation FEEDWATER PUMP OUT OF SERVICE
	LIMERICK 2	PA	1,055	100	100	2%	97%	1%	0		
	PEACH BOTTOM 2	PA	1,055	100	100	2%	97%	1%	0		
less	PEACH BOTTOM 3	PA	670	77	100	2%	97%	1%	1		Power Operation INCREASING POWER
	SUSQUEHANNA 1	PA	1,100	100	100	2%	97%	1%	0		
	SUSQUEHANNA 2	PA	1,044	100	100	2%	97%	1%	0		
	THREE MILE ISLAND 1	PA	808	100	100	2%	97%	1%	0		
----- ECAR -----			5,671	75%	75%				0 no change from yesterday		
	COOK 1	MI	1,020	0	0	1%	94%	5%	14	9/8/1997	Startup STARTUP IN PROGRESS - DILUTING TO
	COOK 2	MI	1,090	100	100	1%	94%	5%	0		
	FERMI 2	MI	1,060	100	100	1%	94%	5%	0		
	PALISADES 1	MI	730	100	100	1%	94%	5%	0		
	DAVIS BESSE 1	OH	874	100	100	1%	98%	1%	0		
	PERRY 1	OH	1,165	95	95	1%	98%	1%	0		Power Operation COASTDOWN TO REFUELING OUTAGE
	BEAVER VALLEY 1	PA	810	100	100	2%	97%	1%	0		
	BEAVER VALLEY 2	PA	820	0	0	2%	97%	1%	0	12/11/2000	
----- MAIN -----			12,831	97%	95%				2 MM LESS gas required than yesterday		
	BRAIDWOOD 1	IL	1,120	100	100	1%	97%	2%	0		
	BRAIDWOOD 2	IL	1,120	100	100	1%	97%	2%	0		
	BYRON 1	IL	1,105	100	100	1%	97%	2%	0		
	BYRON 2	IL	1,105	100	100	1%	97%	2%	0		
	CLINTON 1	IL	985	100	100	1%	97%	2%	0		
	DRESDEN 2	IL	772	100	100	1%	97%	2%	0		
	DRESDEN 3	IL	773	100	100	1%	97%	2%	0		
	LASALLE 1	IL	1,036	100	100	1%	97%	2%	0		
more	LASALLE 2	IL	1,036	100	80	1%	97%	2%	0		
	QUAD CITIES 1	IL	769	100	100	1%	97%	2%	0		
	QUAD CITIES 2	IL	769	100	100	1%	97%	2%	0		
	CALLAWAY 1	MO	1,125	100	100	0%	98%	2%	0		
	KEWAUNEE 1	WI	511	97	97	2%	96%	2%	0		Power Operation MAXIMUM POWER LEVEL DUE TO
	POINT BEACH 1	WI	485	100	100	2%	96%	2%	0		
more	POINT BEACH 2	WI	485	28	0	2%	96%	2%	2		Power Operation HOLDING FOR S/G CHEMISTRY

			MW	OPS %		REPLACEMENT			MM	OFF	COMMENT
				12/18	12/17	OIL	COAL	GAS	CFD		
--- MAPP ---			3,360	100%	100%				0	no change from yesterday	
DUANE ARNOLD 1	IA	515	100	100	0%	99%	1%	0			
MONTICELLO 1	MN	600	100	100	0%	99%	1%	0			
PRAIRIE ISLAND 1	MN	503	100	100	0%	99%	1%	0			
PRAIRIE ISLAND 2	MN	500	100	100	0%	99%	1%	0			
COOPER 1	NE	764	100	100	0%	98%	2%	0			
FT CALHOUN 1	NE	478	100	100	0%	98%	2%	0			
--- SERC ---			4,202	93%	93%				0	no change from yesterday	
BROWNS FERRY 1	AL	0	0	0	1%	98%	1%	3	3/3/1985	Refueling DEFUELED	
BROWNS FERRY 2	AL	1,065	100	100	1%	98%	1%	0			
BROWNS FERRY 3	AL	1,065	100	100	1%	98%	1%	0			
FARLEY 1	AL	814	100	100	1%	98%	1%	0			
FARLEY 2	AL	824	100	100	1%	98%	1%	0			
HATCH 1	GA	741	100	100	1%	94%	2%	0			
HATCH 2	GA	746	100	100	1%	94%	2%	0			
VOGTLE 1	GA	1,100	100	100	1%	94%	2%	0			
VOGTLE 2	GA	1,097	100	100	1%	94%	2%	0			
BRUNSWICK 1	NC	830	100	100	1%	97%	2%	0			
BRUNSWICK 2	NC	830	100	100	1%	97%	2%	0			
HARRIS 1	NC	860	100	100	1%	97%	2%	0			
MCGUIRE 1	NC	1,129	100	100	1%	97%	2%	0			
MCGUIRE 2	NC	1,129	100	100	1%	97%	2%	0			
CATAWBA 1	SC	1,129	100	100	2%	97%	2%	0			
CATAWBA 2	SC	1,129	100	100	2%	97%	2%	0			
OCONEE 1	SC	846	0	0	2%	97%	2%	4	11/22/2000	Refueling REFUELING OUTAGE	
OCONEE 2	SC	846	100	100	2%	97%	2%	0			
OCONEE 3	SC	846	100	100	2%	97%	2%	0			
ROBINSON 2	SC	683	100	100	2%	97%	2%	0			
SEQUOYAH 1	SC	1,122	100	100	2%	97%	2%	0			
SEQUOYAH 2	SC	1,122	100	100	2%	97%	2%	0			
SUMMER 1	SC	885	0	0	2%	97%	2%	5	10/7/2000	Refueling REFUELING OUTAGE - DEFUELED	
WATTS BAR 1	TN	1,177	100	100	2%	88%	2%	0			
NORTH ANNA 1	VA	893	100	100	5%	90%	5%	0			
NORTH ANNA 2	VA	909	100	100	5%	90%	5%	0			
SURRY 1	VA	801	100	100	5%	90%	5%	0			
SURRY 2	VA	800	100	100	5%	90%	5%	0			
--- FPCC ---			9,788	100%	100%				0	no change from yesterday	
CRYSTAL RIVER 3	FL	821	100	100	18%	53%	29%	0			
ST LUCIE 1	FL	839	100	100	18%	53%	29%	0			
ST LUCIE 2	FL	839	100	100	18%	53%	29%	0		Power Operation .	
TURKEY POINT 3	FL	666	100	100	18%	53%	29%	0			
TURKEY POINT 4	FL	666	100	100	18%	53%	29%	0			
--- SPP ---			5,957	100%	94%				2 MM LESS	gas required than yesterday	
more ARKANSAS NUC 1	AR	836	100	100	1%	85%	2%	0			
more ARKANSAS NUC 2	AR	858	97	60	1%	85%	2%	0			
WOLF CREEK 1	KS	1,135	100	100	0%	97%	3%	0			
WATERFORD 3	LA	1,075	100	100	3%	57%	40%	0			
RIVER BEND 1	LA	936	100	100	3%	57%	40%	0			
GRAND GULF 1	MS	1,143	100	100	18%	57%	25%	0			
--- ERCOT ---			3,551	74%	100%				80 MM MORE	gas required than yesterday	
COMANCHE PEAK 1	TX	1,150	100	100	0%	74%	26%	0			
COMANCHE PEAK 2	TX	1,150	100	100	0%	74%	26%	0			
TRIP SOUTH TEXAS 1	TX	1,251	0	100	0%	74%	26%	80	12/16/2000	Hot Standby MANUAL RX TRIP DUE TO TURBINE	
SOUTH TEXAS 2	TX	1,251	100	100	0%	74%	26%	0			
--- WSCC ---			8,940	99%	99%				1 MM LESS	gas required than yesterday	
DIABLO CANYON 1	CA	1,073	90	90	2%	0%	40%	10		Power Operation HOLDING POWER AT THIS LEVEL DUE	
DIABLO CANYON 2	CA	1,067	100	100	2%	0%	40%	0			
PALO VERDE 1	CA	1,221	100	100	2%	0%	40%	0			
more PALO VERDE 2	CA	1,221	100	99	2%	0%	40%	0			
PALO VERDE 3	CA	1,243	99	99	2%	0%	40%	1			
SAN ONOFRE 2	CA	1,070	100	100	2%	0%	40%	0			
SAN ONOFRE 3	CA	1,080	100	100	2%	0%	40%	0			
WNP-2	WA	1,085	100	100	1%	24%	4%	0			
91.8% Make-up gas required:			213	MMcf		TOTAL OUTPUT			45 MMcf MORE (LESS) than "normal"		
93.0% Normal requirements:			168	MMcf		86,793 MW			57 MMcf MORE (LESS) than yesterday		

Weekly Ammonia Plants Report

Enron Research Group

Region	Company	Location	Ammonia Capacity ('000 MT)	MMcf/d ay	As of 12/18/00 Curtailments ('000 MT)	MMcf/d ay	Status
Eastern	Air Products	Pace, FL	100	9		0	Operational
	Allied Signal	Hopewell, VA	535	48		0	Operational
	Avondale Ammonia	Waggaman, LA	400	36		0	Operational
	Borden Chemicals, Inc.	Geismar, LA	370	33	370	33	Closed
	CF Industries	Donaldsonville, LA	2,455	222	890	80	Operational
	Farmland	Pollack, LA	475	43		0	Operational
	IMC-Agrico	Faustina, LA	510	46	510	46	Closed
	Koch Nitrogen	Sterlington, LA	1,000	90	200	18	Operational
	Cytec	Cherokee, AL	155	14		0	Operational
	Mississippi Chemical	Yazoo City, MS	530	48	300	27	Capacity is reduced
		Donaldsonville, LA	565	51	565	51	Closed
	PCS	Augusta, GA	686	62		0	Operational
		Geismar, LA	525	47	131	12	Operational
		Lima, OH	579	52		0	Operational
		Memphis, TN	394	36		0	Operational
	Triad Nitrogen	Donaldsonville, LA	925	84		0	Operational
Texas	Agrium US	Borger, TX	448	41	118	11	Operational
	DuPont	Beaumont, TX	445	40		0	Operational
	Ultramar Diamond Sham	Dumas, TX	135	12		0	Operational
Central	Coastal	Cheyenne, WY	1,105	100		0	Operational
	Dakota Gasification	Beulah, ND	330	30		0	Operational
	Farmland	Beatrice, NE	260	24	66	6	Operational
		Coffeyville, KA	350	32			Operational
		Dodge City, KS	260	24	68	6	Operational
		Enid, OK	930	84	239	22	Operational
		Ft. Dodge, IA	350	32	87	8	Operational
		Lawrence, KS	450	41	450	41	Closed
	Green Valley	Creston, IA	50	5		0	Operational
	PCS	Clinton, IA	236	21	236	21	Closed
		LaPlatte, NE	190	17	190	17	Closed
	Royster-Clark	East Dubuque, IL	300	27	100	9	Plant is operating at 60% capacity
	J.R.Simplot	Pocatello, ID	110	10		0	Operational
	Terra Industries	Blytheville, AR	420	38	420	38	Closed due to high natural gas prices
		Beaumont, TX	292	26	292	26	Closed due to high natural gas prices
		Sergeant Bluff, IA	350	32	35	3	Operational
		Verdigris, OK	1,025	93	1,025	93	Closed due to high natural gas prices
		Woodward, OK	410	37			Operational
	Wil-Gro	Pryor, OK	247	22	247	22	Closed
Western	Agrium	Finley, WA	110	10	110	10	Operational
		Kenai, AK	1,815	164			The company has planned a shutdown for three to four weeks
	Chevron	El Segundo, CA	35	3			Operational
Total production:			20,857	1,886	6,649	601	32%

Sources: Enron Research Group

Feedstock Curtailments in United States	MMcf/ Year	MMcf/ Day
	219,425	<u>601</u>

Bottom Line: As of 12/18/2000 ammonia production curtailments estimated at 601 MMcf/day. Terra Industries closed one of its two ammonia and upgrading plants in Verdigris, Okla., following the sale of a portion of its December natural gas purchases. The closure follows the Nov. 30 announcement that Terra Industries will shutter its plants in Blytheville, Ark., and Beaumont, Texas, for the month of December.

Next Update: December 27, 2000

If you have any question or comments, please contact Mike Roberts (713-853-5701) or Elena Chilkina (713-853-4305)

Primary Aluminum Ingot Plants in the United States

Enron Research Group

Company	Location	Aluminum Capacity ('000 MT/ Year)	Electricity (MWh/ Year)	As of 12/18/00 Curtailments ('000 MT/ Year)	Electricity Curtailments (MWh/ Year)	Power Supply	Status
Alcan Aluminum Corp.	Sebree, KY	186	2,665,380	0	0	Big River Electric	Operational
Alcoa, Inc.	Alcoa, TN	210	3,009,300	50	716,500	TAPACO plant, TN Valley	Operational
	Badin, NC	115	1,647,950	56	802,480	Duke Power	Operational
	Evansville, IN	300	4,299,000	0	0	Southern Industry Power&Electric	Operational
	Ferndale, WA	272	3,897,760	0	0	Bonneville Power Authority	Operational
	Frederick, MD	175	2,507,750	30	429,900	Potomac Edison	Operational
	Massena, NY	127	1,819,910	0	0	Power Authority of NY	Operational
	Mount Holly, SC	205	2,937,650	0	0	South Carolina Public Service Authority	Operational
	Rockdale, TX	315	4,513,950	0	0	Texas Power&Light	Operational
	Wematchee, WA	265	3,797,450	88	1,261,040	Bonneville Power Authority	Operational
Reynolds Metals Co. (Purchased by Alcoa, Inc.)	Longview, WA	204	2,923,320	0	0	Alcoa	Operational
	Massena, NY	123	1,762,590	0	0	Power Authority of NY	Operational
	Troutdale, OR	121	1,733,930	121	1,733,930	Bonneville Power Authority	Closed
Century Aluminum Co.	Ravenswood, WV	173	2,479,090	2	24,791	Ohio Power	Operational
Southwire Co.	Hawesville, KY	237	3,396,210	0	0	Big River Electric	Being purchased by Century Aluminum Co.
Columbia Falls Aluminum Co.	Columbia Falls, MT	168	2,407,440	30	429,900	Bonneville Power Authority	Closed one of five production lines due to escalating power costs
Goldendale Aluminum Co.	Goldendale, WA	168	2,407,440	0	0	Bonneville Power Authority	Operational
Kaiser Aluminum & Chemical Corp.	Mead, WA (Spokane)	200	2,866,000	110	1,576,300	Bonneville Power Authority	Closed plant due to power cost
	Takoma, WA	73	1,046,090	73	1,046,090	Bonneville Power Authority	Closed plant due to power cost
Noranda Aluminum Inc.	New Madrid, MO	230	3,295,900	0	0	Associate Electric Coop. Of Springfield, MO	Operational
Northwest Aluminum Corp.	The Dalles, OR	82	1,175,060	0	0	Bonneville Power Authority	Operational
Ormet Primary Aluminum Corp.	Hannibal, OH	256	3,668,480	0	0	Kammer plant of Ohio Company	Operational
Vanalco Inc.	Vancouver, WA	115	1,647,950	50	716,500	Bonneville Power Authority	Partially restarted one of its five idled potlines
Grand Total:		4,320	61,905,600	610	8,737,431		

Source: US Geological Survey, Enron Research

Electricity Curtailments in the United States	<i>MWh/ Year</i> 8,737,431
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Bottom Line:

Kaiser Aluminum & Chemical Corporation announced that it has sold January 2001 power to the Bonneville Power Administration (BPA), as contractually permitted, and has reached an agreement to work with BPA to complete additional power sales.

If you have any question or comments, please contact Mike Roberts (713-853-5701) or Elena Chilkina (713-853-4305)

Weekly Methanol Plants Report

Enron Research Group

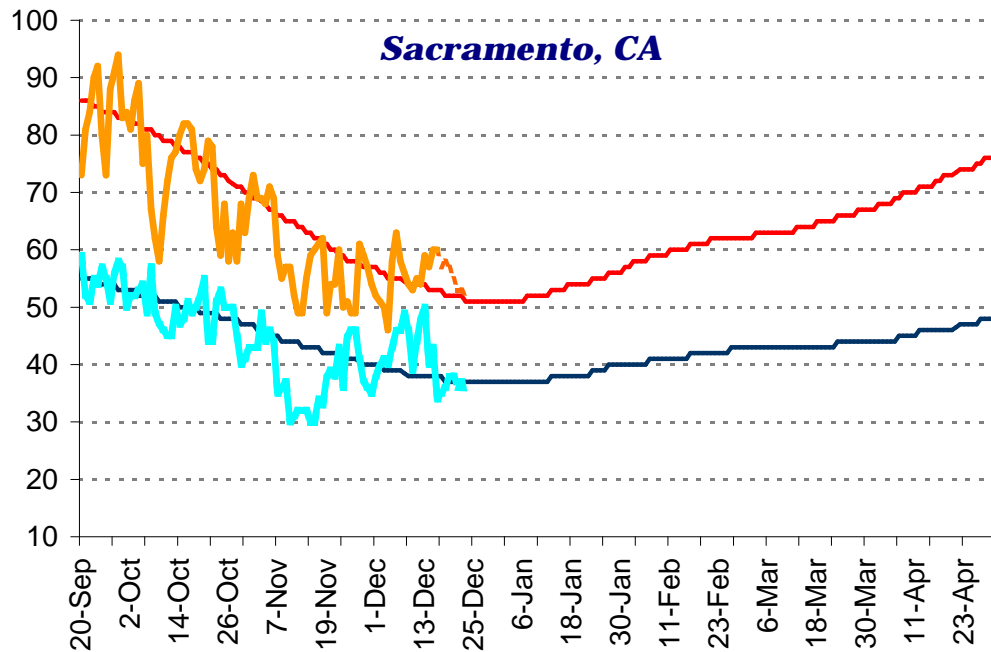
Country	Region	Company	Location	Process	Capacity (MM Gallons)	MMcf/ day	Capacity Curtailments (MM Gallons)	MMcf/ day	Capacity (‘000 MT)	Capacity Curtailments (‘000 MT)	Status
USA	Eastern	Air Products	Pace, FL	ICI	60	18.08	0	0.00	180	0	Operational
		Ashland	Plaquemine, LA	LURGI	177	53.34	177	53.34	530	530	Closed
		Borden Chemicals & Plastics	Geismar, LA	ICI	330	99.45	0	0.00	990	0	Plant will be closed in January
		Fortier Methanol	Fortier, LA	LURGI	190	57.26	190	57.26	570	570	Permanent closure
		Georgia Gulf	Plaquemine, LA	ICI	180	54.25	180	54.25	540	540	Permanent closure
		Liquid Carbonics	Geismar, LA	ICI	30	9.04	30	9.04	90	90	Closed
		Tenn-Eastman	Kingsport, TN	LURGI	65	19.59	65	19.59	195	195	Closed
		Texaco/Star	Delaware City, D	LURGI	100	30.14	0	0.00	300	0	Operational
	Texas	BP/Sterling Chemicals	Texas City, TX	ICI	150	45.21	150	45.21	450	450	Closed
		Celanese	Bishop, TX	LURGI	167	50.33	0	0.00	500	0	Operational
		Celanese/Valero	Clear Lake, TX	ICI	200	60.27	0	0.00	600	0	Operational
		Enron	Pasadena, TX	LURGI	146	44.00	0	0.00	375	0	Operational
		Equistar	Channelview, TX	ICI	260	78.36	0	0.00	748	0	Operational
		Millenium	Deer Park, TX	LURGI	200	60.27	0	0.00	600	0	Operational
		Terra/Beaumont	Beaumont, TX	LURGI	280	84.38	280	84.38	850	850	Closed
	Central	Sand Creek	Commerce City, CO	LURGI	33	9.95	33	9.95	100	100	Permanent closure
		Terra International	Woodward, OK	TOPSOE	40	12.05	0	0.00	120	120	Operational
	Western	Coastal	Cheyenne, WY	ICI	27	8.14	0	0.00	80	0	Operational
		Total:			2635	794.11	1105	333.01	7818	3445	
		Percentage:			100.0%		41.9%		100.0%	44.1%	
Canada		Methanex	Medicine Hat	ICI	310	93.42	310	93.42	930	930	Permanent closure
		Methanex	Kitimat	ICI	173	52.14	173	52.14	520	520	Closed
		Celanese	Edmonton	ICI	267	80.47	0	0.00	800	0	Operational
		Total:			750	226.03	483	145.56	2250	1450	
		Percentage:			100.0%		64.4%		100.0%	64.4%	
Feedstock Curtailments in the United States		Curtailments due to high natural gas prices (MMcf/day)		Short-term curtailments (MMcf/day)				289		54	
Feedstock Curtailments in Canada		MMcf/ Year (total)		Curtailments due to high natural gas prices (MMcf/day)				19,030		52	

Bottom Line: As of 12/18/00 methanol feedstock curtailments estimated at 289 MMcf/day in U.S. and 52 MMcf/day in Canada. Methanol prices previous week were 0.69 - 0.73 \$/gallon.

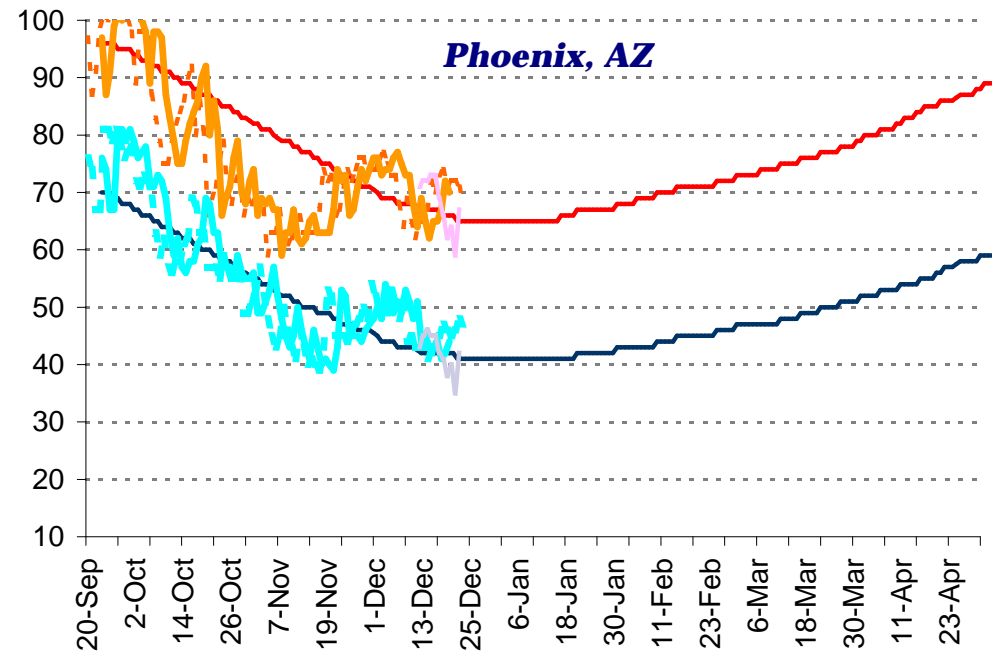
Next Update: December 27, 2000

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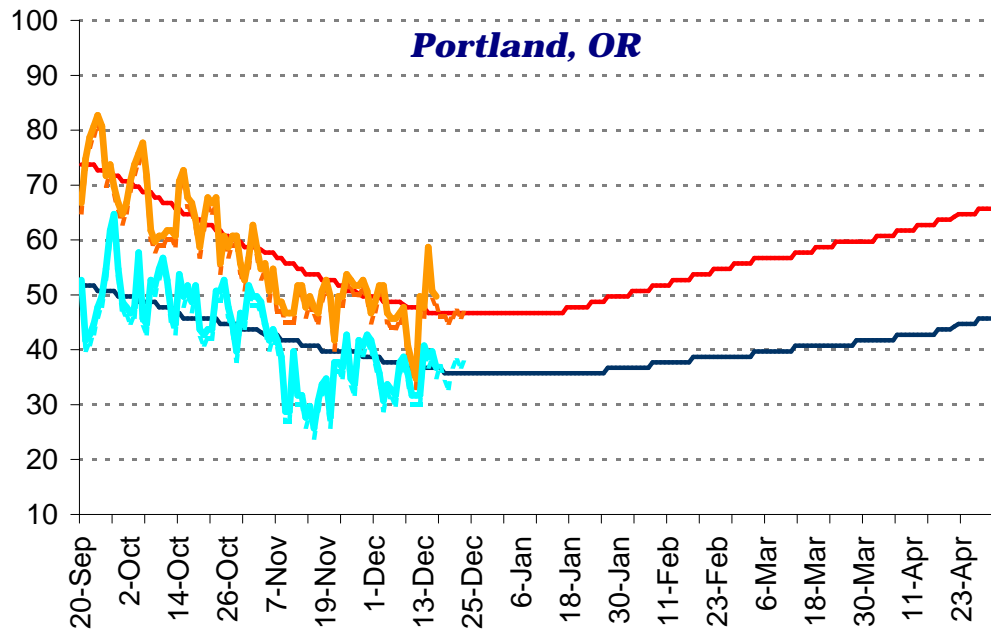
Sacramento, CA



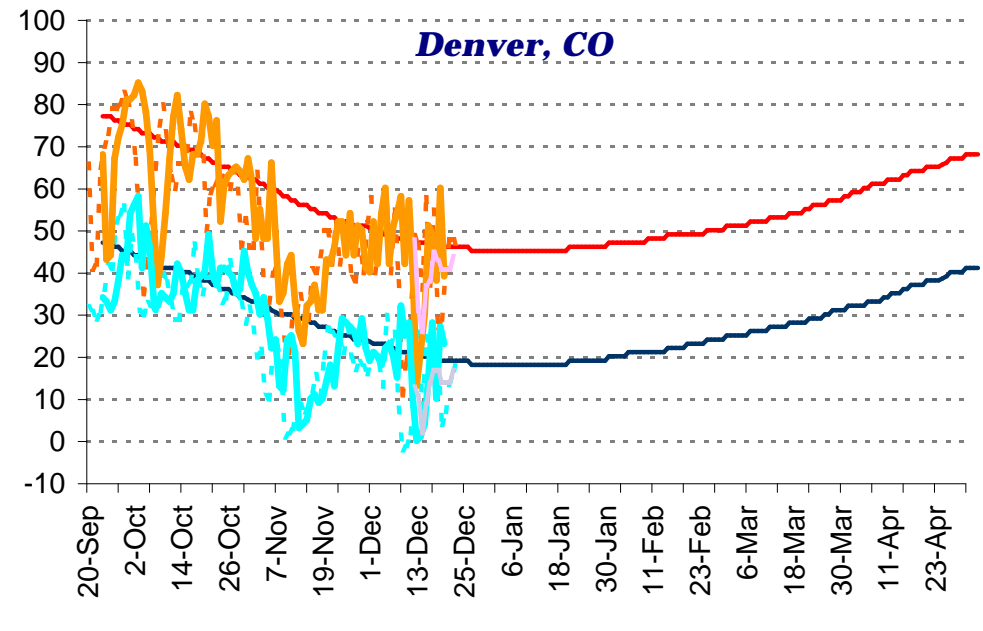
Phoenix, AZ



Portland, OR



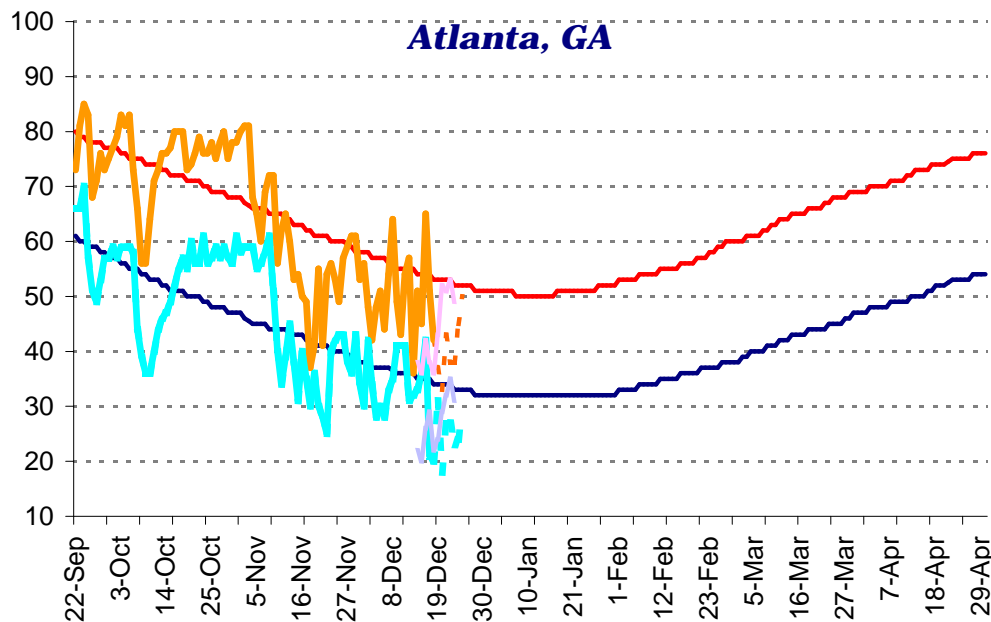
Denver, CO



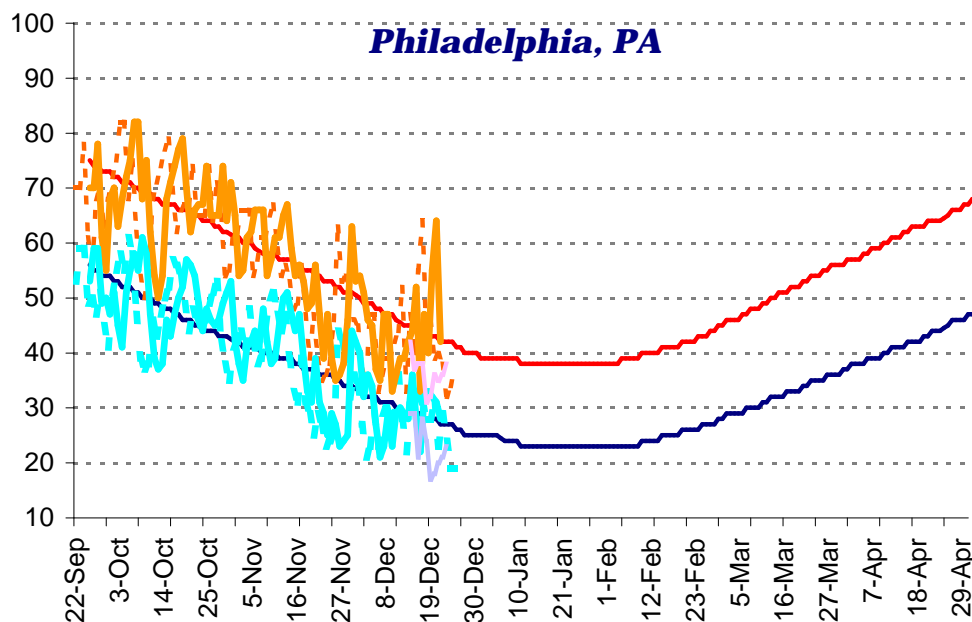
12/18/00

— NormalsTmax — NormalsTmin - - - ForecastTmax
- - - ForecastTmin — RealTmax — RealTmin
— EarthSat'sTmax — EarthSat'sTmin

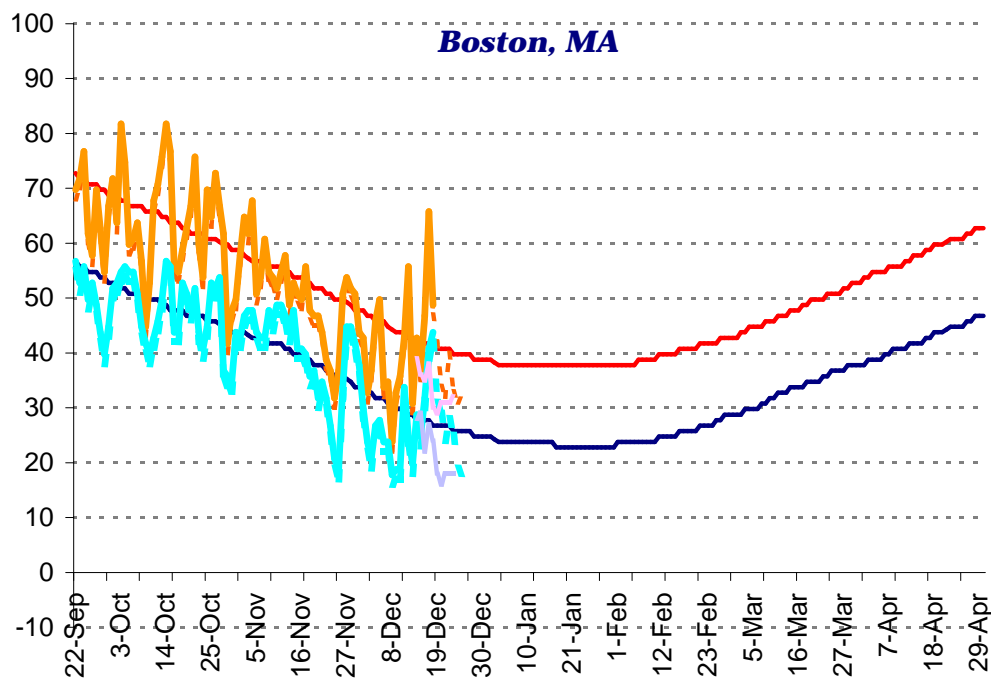
Atlanta, GA



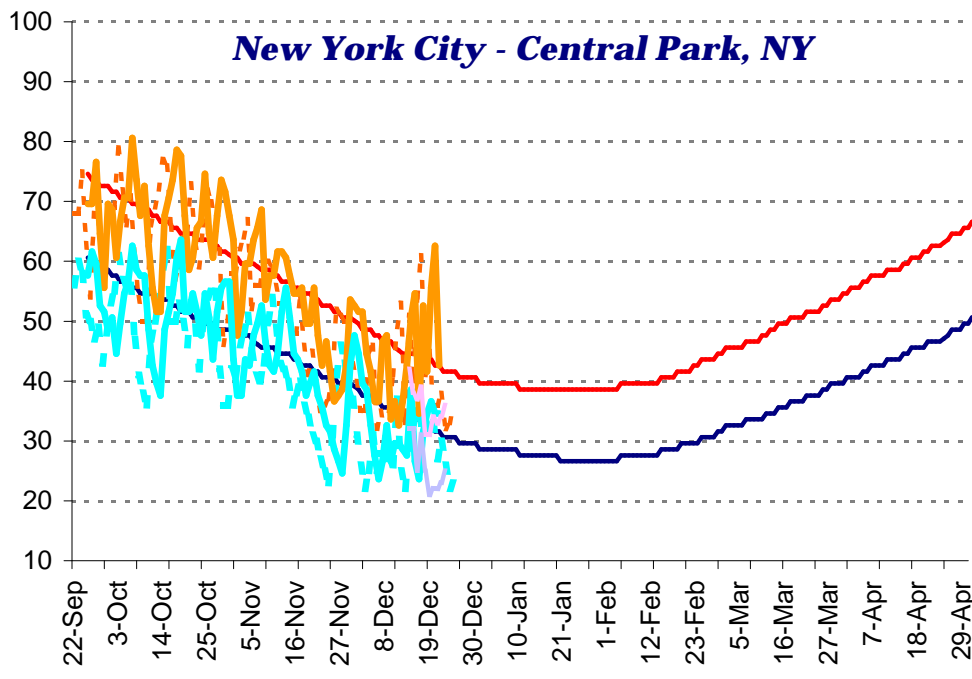
Philadelphia, PA



Boston, MA



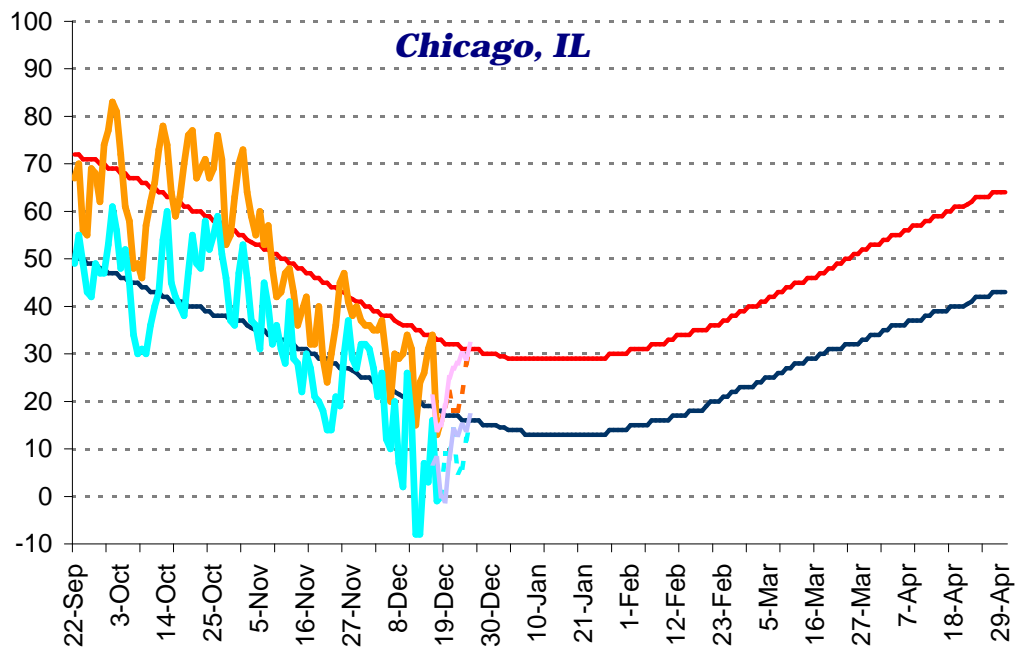
New York City - Central Park, NY



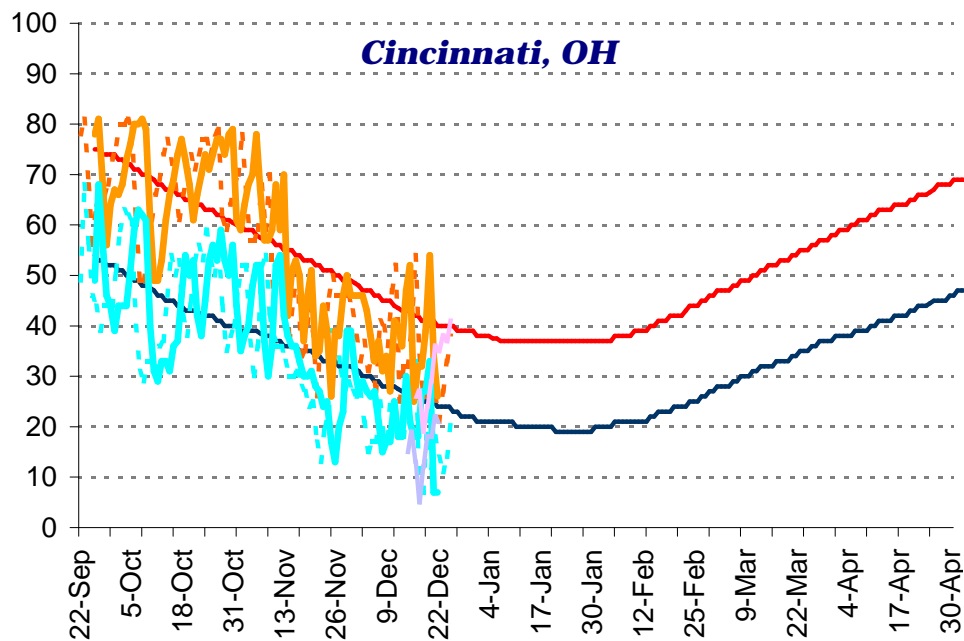
12/18/00

Tmax
Tmin
ForecastTmax
ForecastTmin
EarthSat'sTmax
EarthSat'sTmin
RealTmax
RealTmin

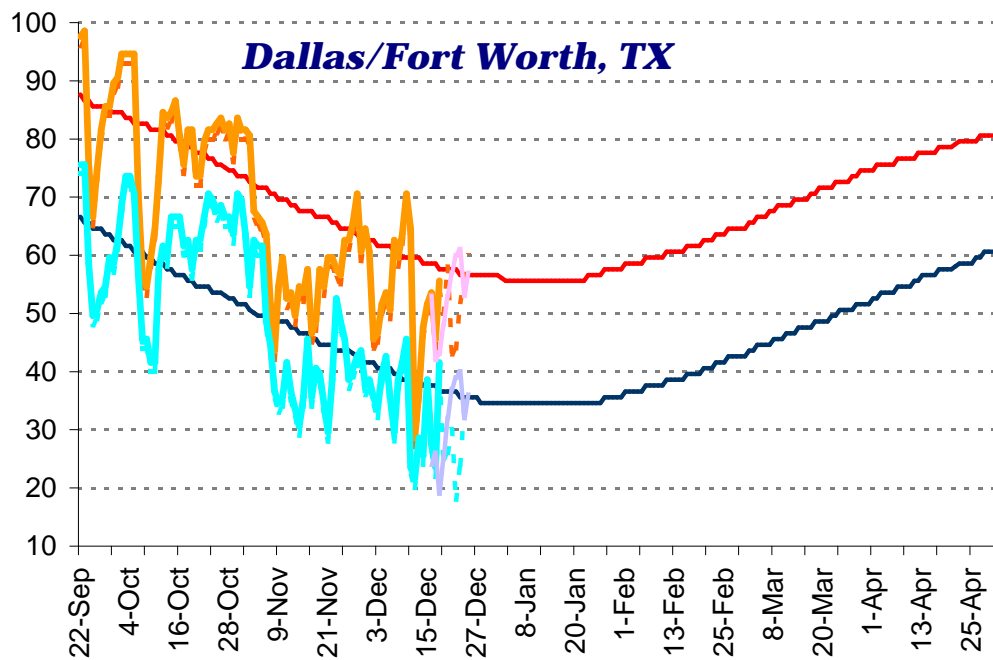
Chicago, IL



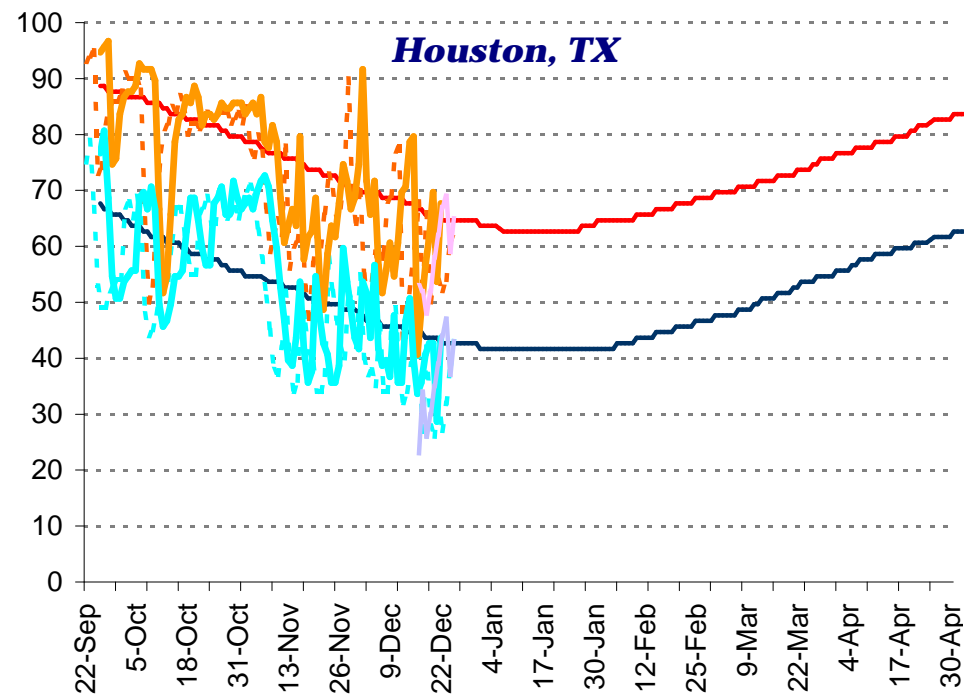
Cincinnati, OH



Dallas/Fort Worth, TX



Houston, TX



12/18/00

— NormalTmax — NormalTmin — ForecastTmax — ActualTmax — EarthSat'sTmax — EarthSat'sTmin
- - - ForecastTmin - - - ActualTmin