



- AER's sCast is the most comprehensive long range forecasting service in the industry- providing detailed temperature and precipitation forecasts for key regions in the US, Europe and Asia.
- Highly skilled regional Heating and Cooling Degree Day forecasts that are population weighted for electricity, gas and oil demand-and for weather derivatives traders, these forecasts are provided for the CME-traded cities.
- Forecasts that are based on a proprietary climate model developed and supported by leading seasonal forecast experts who are also available for private consultation.

sCast Advantage

Forecasts Based on Proven Science with Proven Results.

Based on over a decade of climate research at AER, leading scientists modeled the effects of fall precursors and winter climate to more accurately forecast winter temperatures and precipitation. sCast's superior forecast skill correlates to observed conditions on average, 60-70% of the time providing forecast accuracy that is second to none.

Superior Forecast Skill- Peer Reviewed & Published in Leading Journals.

Since 2005, AER's climate science has been highlighted in a feature article on the National Science Foundation's Special Report website entitled "Predicting Seasonal Weather".
See: http://www.nsf.gov/news/special_reports/autumnwinter/predicts.jsp

Consumer Demand Tailored Forecasts.

AER Scientists have published multiple papers in peer-reviewed climate journals. The latest publication in the *Journal of Climate* verified several years of model skill as compared with observations.

Released Before Government Forecasts- Giving You an Edge.

sCast forecasts are tailored to your trading needs- population weighted Heating and Cooling Degree Forecasts by energy type- electricity, natural gas and oil- helping you determine the impact of the forecast on energy demand.

Direct Access to Expert Seasonal Forecasters.

AER's sCast forecasts are independent of Government models, they are released earlier, and more importantly, have consistently outperformed the Government's climate forecast.

AER seasonal forecasters are available to answer your questions and explain their rationale in private consultations. Schedule them on an on-going basis or as needed- access to experts is key.

sCast Features

Forecast Period	<p>Summer forecasts (June-July-August) are released monthly beginning in February- six months in advance.</p> <p>Winter forecasts (December-January-February) are released monthly beginning in August- six months in advance.</p>
Report Format	<p>Easy-to-read graphics, tabularized temperature anomaly, HDD/CDD forecasts and climatology and brief forecast discussion on city, regional and national basis.</p> <p>One-page reports or the longer multi-page reports.</p>
Report Types	<p>Population Weighted Electricity, Gas and Oil reports presented in HDD and CDD format.</p> <p>Regional and National Temperature reports for the U.S, Asia and Europe.</p> <p>Regional and National Precipitation reports for the U.S, Asia and Europe.</p>
Availability	<p>Released each month and updated weekly via email when needed.</p> <p>Available by or before the 10th business day of each month.</p>
Access	<p>Delivered seamlessly and efficiently to you via electronic mail or a robust web-based interface.</p> <p>5+yr Archive available on website.</p>
Leading Experts	<p>Scheduled and 'on-demand' access to leading seasonal experts for private consultation.</p>

Station	3-MONTH AVERAGE (°F) Jan, Feb & March 2008				3-MONTH TOTAL (Base 65°F) Jan, Feb & March 2008						
	Daily Mean Temperature			Cooling Degree Days		Heating Degree Days		Previous Years Obs			
	Anomaly	Forecast	Most Likely Range	Climate Normal	Forecast	Climate Normal	Forecast				
Atlanta	-0.2	47.7	45.0	50.4	47.5	12	8	45	1574	1583	1322
Boston	-1.2	32.0	30.5	33.5	33.2	1	0	0	2901	3006	2941
Chicago	-0.7	28.1	25.1	31.1	28.8	1	0	4	3299	3371	3172
Cincinnati	-0.8	35.1	31.8	38.3	35.9	3	0	22	2988	2725	2580
Dallas	0.4	50.7	47.9	53.5	50.3	20	14	82	1356	1309	1259
Des Moines	-0.3	28.2	24.9	31.5	28.5	1	0	12	3333	3359	3207
Detroit	-1.4	27.9	25.1	30.7	29.5	0	0	1	3263	3383	3149
Houston	0.2	56.7	54.7	58.7	56.5	100	92	130	887	869	827
Kansas City	0.2	34.8	31.5	38.1	34.4	0	0	15	2762	2755	2557
Las Vegas	2.4	55.4	52.8	58.0	52.5	21	39	87	1201	947	986
Minneapolis	-1.0	20.8	17.5	24.1	21.4	0	0	1	3962	4038	3674
New York	-1.3	35.3	33.8	37.1	34.4	1	0	0	2608	2714	2488
Philadelphia	-1.2	35.4	33.2	38.0	36.0	2	0	0	2585	2684	2520
Portland	-0.4	43.8	41.8	45.8	43.4	0	0	0	1925	1915	1877
Sacramento											1284
Salt Lake											2729
Tucson											914
Baltimore											2438

Region	Normal Electricity Weighted HDD	Forecast Electricity Weighted HDD	Observed Electricity Weighted HDD for 2007
North East	2910	3035	3032
Great Lakes	3143	3245	3201
Upper Midwest	3237	3255	3228
West	1684	1553	1626
South	1272	1291	1250
National	2030	2036	2026

For more information or to sign up for a demo, please contact an authorized sCast Sales Representative at marketing@aer.com.



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