



First Enercast Financial

WEATHER DATA SERVICES

RATES:

- Daily max/min/avg forecast files.....\$50/station per month
- Daily hourly forecast files.....\$80/station per month
- Daily historical files.....\$20/station/month
- Historical data.....\$10/station/year

FILE CONFIGURATION

Delivery: via ftp (enercast.com) in a standard text, comma separated file.

File Types: daily actual & historical
 2-8 day forecast - hourly
 2-8 day forecast - maximum/minimum/average

Available Data: Station Name(stn); Valid Date of Forecast (year, month, day); Hour Forecasted in UTC Time(hr); Temperature (Tp), Dew Point Temperature (dp); Wind Speed in Knots (wsp); Sky Condition (Sky)

Sky condition codes:
 CL = clear, 0% cloud cover
 SC = scattered, 0% < cloud cover <= 50%
 BK = broken, 50% < cloud cover < 100%
 PC = partly cloudy, 20% < cloud cover < 100%
 OV = overcast, 100 % cloud cover

EXAMPLE FILE:

Hourly Forecast File: 03080100.fcst
 03=year, 08=month, 01=day
 Codes explained above in Available Data section

Max/Min File: Update.txt

Day1hi: refers to the day the forecast is for, Day1Hi = 12/22/2003, Day2Hi = 12/23/2003, Day3Hi = 12/24/2003, etc.

- KATL: Station identifier
- 12/22/2003: Refers to the date the data was pulled
- 1st number(57): Refers to the -2(standard deviations) of the Hi/Lo Temp from all ensemble members
- 2nd number(58): Refers to the Mean ensemble temperature and optimal forecast
- 3rd number(59): Refers to the +2(standard deviations) of the Hi/Lo Temp from all ensemble members

- * New files are created daily around 5:30am EST
- * Historical files will remain in the user directory and can be obtained via the file name convention as described above

SAMPLE HOURLY WEATHER FORECAST FILE: '03080100.fcst'

#stn	validdate	hr	tp	dp	wsp	SKY
#stn	yyyy mm dd	UTC	F	F	KTS	CAT
#---	-----	-----	---	---	---	---
KDFW	2003 08 01	06	84	71	8	CL
KDFW	2003 08 01	07	82	71	8	CL
KDFW	2003 08 01	08	81	71	8	CL
KDFW	2003 08 01	09	80	71	9	CL
KDFW	2003 08 01	10	79	71	8	CL
KDFW	2003 08 01	11	78	71	8	CL
KDFW	2003 08 01	12	78	71	8	SC

SAMPLE Max/Min WEATHER FORECAST FILE: 'Update.txt'

Day1hi - Temps

KATL,12/22/2003	,57,58,59
KBOS,12/22/2003	,46,48,50
KCLE,12/22/2003	,48,49,50
KCVG,12/22/2003	,51,54,57
KDEN,12/22/2003	,32,37,42
KDFW,12/22/2003	,64,69,73
KDSM,12/22/2003	,42,44,46
KIAH,12/22/2003	,74,76,79
KJFK,12/22/2003	,44,46,48
KLAS,12/22/2003	,61,63,64
KLGA,12/22/2003	,48,49,51