
CTO Weather Query

User Manual



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2. Introduction

Overview

Welcome to the CTO Weather Query System managed by Skyplan Services. Skyplan is a world leader in providing a full range of Flight Operations services. The CTO Weather Query System has been developed to provide any aircraft operator with a quick and easy method for requesting Weather/NOTAM information.

The CTO Weather Query System represents the latest design technology available in the aviation industry. It has been developed around the most advanced computer programming tools and the most efficient and cost effective hardware systems available in the market.

Just as important, the CTO Weather Query System has been designed, developed and is maintained by a staff with extensive aviation Operations experience. Therefore, it has been designed to operate efficiently in a day-to-day operations environment as a support tool and not as a distraction to the operations staff. It has also been designed to be as user friendly as possible and requires minimal training to use.

This manual is designed to assist in the day-to-day use of the CTO Weather Query System.

Any problems or service requirements should be directed to:

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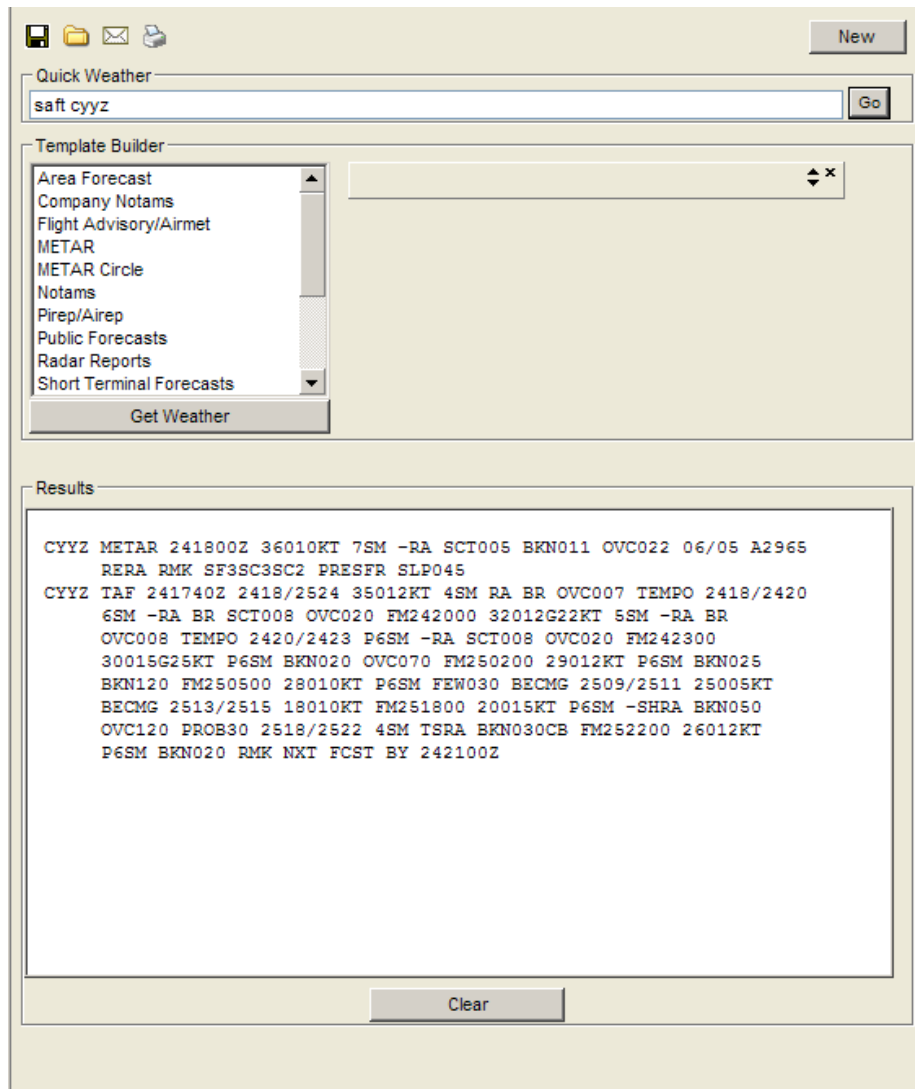
System Access

Access via WebCTO

Accessing Skyplan's Weather/NOTAM System via WebCTO (<http://www.skyplan.com> – Client Area). Just issue simple Weather Query commands directly to the CTO Weather Query System. The requested Weather/NOTAM information is immediately returned to your browser session.

Please refer to the WebCTO User Manual for more information.

Example:



The screenshot shows a web browser window with a 'Quick Weather' search bar containing 'saft cyyz' and a 'Go' button. Below the search bar is a 'Template Builder' section with a list of options: Area Forecast, Company Notams, Flight Advisory/Airmet, METAR, METAR Circle, Notams, Pirep/Airep, Public Forecasts, Radar Reports, and Short Terminal Forecasts. A 'Get Weather' button is located below the list. The 'Results' section displays the following weather data:

```
CYYZ METAR 241800Z 36010KT 7SM -RA SCT005 BKN011 OVC022 06/05 A2965
RERA RMK SF3SC3SC2 PRESFR SLP045
CYYZ TAF 241740Z 2418/2524 35012KT 4SM RA BR OVC007 TEMPO 2418/2420
6SM -RA BR SCT008 OVC020 FM242000 32012G22KT 5SM -RA BR
OVC008 TEMPO 2420/2423 P6SM -RA SCT008 OVC020 FM242300
30015G25KT P6SM BKN020 OVC070 FM250200 29012KT P6SM BKN025
BKN120 FM250500 28010KT P6SM FEW030 BECMG 2509/2511 25005KT
BECMG 2513/2515 18010KT FM251800 20015KT P6SM -SHRA BKN050
OVC120 PROB30 2518/2522 4SM TSRA BKN030CB FM252200 26012KT
P6SM BKN020 RMK NXT FCST BY 242100Z
```

A 'Clear' button is located at the bottom of the results section.

Access via SITA / ARINC

Accessing Skyplan's Weather/NOTAM System via SITA or ARINC involves sending a Type B message with the appropriate Weather Query commands to the CTO Weather Query System SITA or ARINC address. The requested Weather/NOTAM information will be returned to your SITA or ARINC address.

The following describes the structure of the Weather request message:

- Destination Address: YYCSKXH (Sita) or YQFSKXH (Arinc)
- Originating Address: Your Sita or Arinc address
- Message Body:

Line 1:	WXREQ	(Note 1)
Or		
Line 1:	WXREQ ADR/ADDR1 ADDR2...ADDR7/	(Note 2)
Line 2-N:	Valid Weather Query commands	(Note 3)
Last Line:	EOR	(Note 4)

Note:

- 1) WXREQ stands for "Weather Request". This keyword actually tells the system that you want Weather/NOTAM information. This is a required keyword, as the system will not understand what you are trying to do unless you use this input. WXREQ is the access code to the CTO Weather Query System.
- 2) The optional parameter ADR allows you to send the weather request/briefing to additional addresses (up to a maximum of 7 addresses).
- 3) The weather request is made of one or more commands along with your input data.
- 4) This keyword stands for "End of Request".

Example:

You send the following message via the SITA or ARINC network:

```
QU YYCSKXH
.YOURADR 101231
WXREQ
SAFT CYYZ
NO EGLL
EOR
```

Note: Use address YQFSKXH to send your Flight Plan request via the ARINC network.

CTO Weather Query System returns the following:

```
QU YOURADR
.YYCSKXH 101245 FPREQ
DATE - 02/05/03 1924Z
SUBJ - BRIEFING FROM SKYPLAN WEATHER SYSTEM

CYYZ METAR 051900Z 32015G22KT 15SM BKN038 M07/M14 A3010 RMK SC6
SLP204
CYYZ TAF 051731Z 051818 31015G25KT P6SM SCT030 FM2000Z 27012G22KT
P6SM BKN030 TEMPO 2001 4SM -SN BKN020 FM0100Z 26010KT P6SM
SCT030 FM1100Z 24010KT P6SM SCT020 BKN080 FM1600Z 22010G20KT
P6SM OVC030 TEMPO 1618 6SM -SHSN OVC020 RMK NXT FCST BY 21Z

EGLL/LHR: INTERNATIONAL NOTAMS
- A0152/03 20JAN03/0700-08FEB03/1800
EST
D)0700-1800
E)CRANE OPR 480M W RWY 09R THR 1200M S RWY 09R CL, HGT 125FT AMSL
- A0186/03 23JAN03/0838-14FEB03/1500
E)TRAFFIC BAR 52 (I)/52 (O) CLOSED
/.QMXLT: TAXIWAY(S) LIMITED TO ./
- A0286/03 03FEB03/0700-07MAR03/1900
D)0700-1900
E)CRANE OPR 490M W THR 09R, 170M S RCL, HGT 128FT AMSL
- A0315/03 04FEB03/1615-10MAR03/2230
D)1500-2230
E)CRANE OPR 660M WEST THR 09L
100M SOUTH RWY 09L/27R C/L
151 FT AMSL
- A1939/02 27OCT02/0200-30MAR03/0200
E)AIRPORT NOISE RESTRICTIONS (NO2) NOTICE 2002
AIP SUP S29/02 REFERS
/.QFAXX: AERODROME ./
- A2008/02 27OCT02/0001-29MAR03/2359
E)TRAFFIC DISTRIBUTION RULES 1991, HOURS OF PEAK CONGESTION AT
HEATHROW AIRPORT.
ARRIVAL: SUN-FRI 0600-2155, SAT 0600-1755 2000-2055,
DEPARTURE: MON 0600-2055 2200-2255, TUE 0600-2055, WED 0600-2055
2200-2255, THU 0600-2055, FRI 0600-2055 2200-2255, SAT 0800-1755
2200-2255, SUN 0800-2055.
/.QFALT: AERODROME LIMITED TO ./
- A2133/02 11NOV02/0740-PERM
E)BLOCK 100 LOOP. EASTERN PART UNAVAILABLE FOR ACFT
ENTERING/EXITING
RWY 09R/27L.
/.QMRLT: RUNWAY LIMITED TO ./
- A2492/02 23DEC02/1351-31MAR03/0600
E)RWY 09R/27L, DUE WIP ALL TURN ON/OFF LIGHTING IN BLOCK 85 U/S.
BLUE EDGE LIGHTS IN PLACE, EXERCISE CAUTION WHEN ENTERING OR
EXITING
/.QMRLT: RUNWAY LIMITED TO ./
- A2500/02 31DEC02/0950-28FEB03/2359
EST
E)ACFT STAND F15 NEW 'SIDOGS' STAND ENTRY GUIDANCE ON TRIAL,
CAUTION
ADVISED WHEN ENTERING STAND , MARSHALLERS AVBL
/.QMPXX: AIRCRAFT STANDS ./
- A2501/02 31DEC02/1239-31DEC03/2359
E)RWY 27R MLS U/S.
/.QIWAS: MICROWAVE LANDING SYSTEM (MLS) UNSERVICEABLE ./

--- END OF REQUEST ---
```

Access via E-Mail

Accessing Skyplan's Weather/NOTAM System via E-Mail involves sending a simple text message with the appropriate Weather Query commands to the CTO Weather Query System E-Mail address. The requested Weather/NOTAM information will be returned to your E-Mail address.

The following describes the structure of the Weather request message:

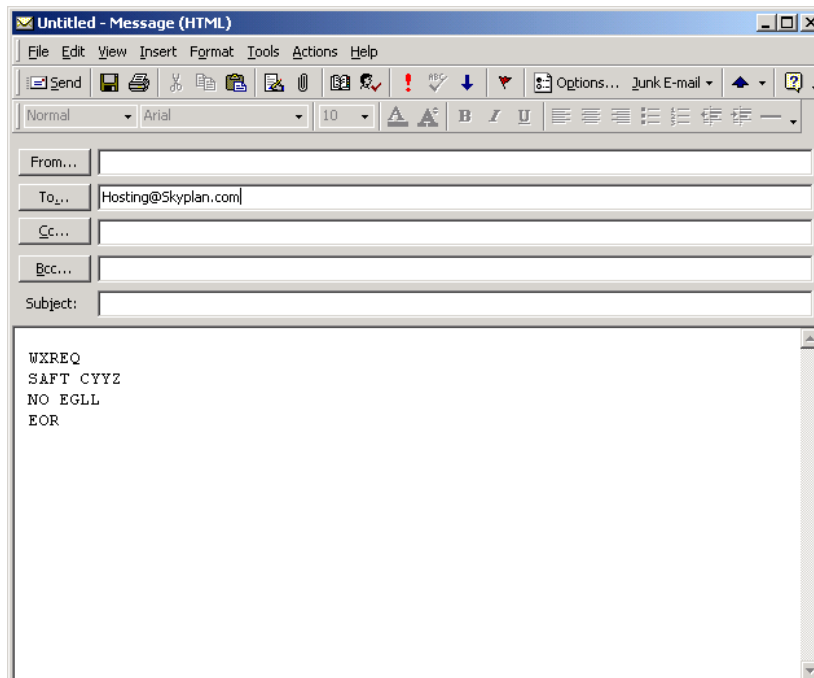
- E-Mail Address: Hosting@Skyplan.com
- Message Body:
 - Line 1: WXREQ (Note 1)
 - Line 2-N: Valid Weather Query commands (Note 2)
 - Last Line: EOR (Note 3)

Note:

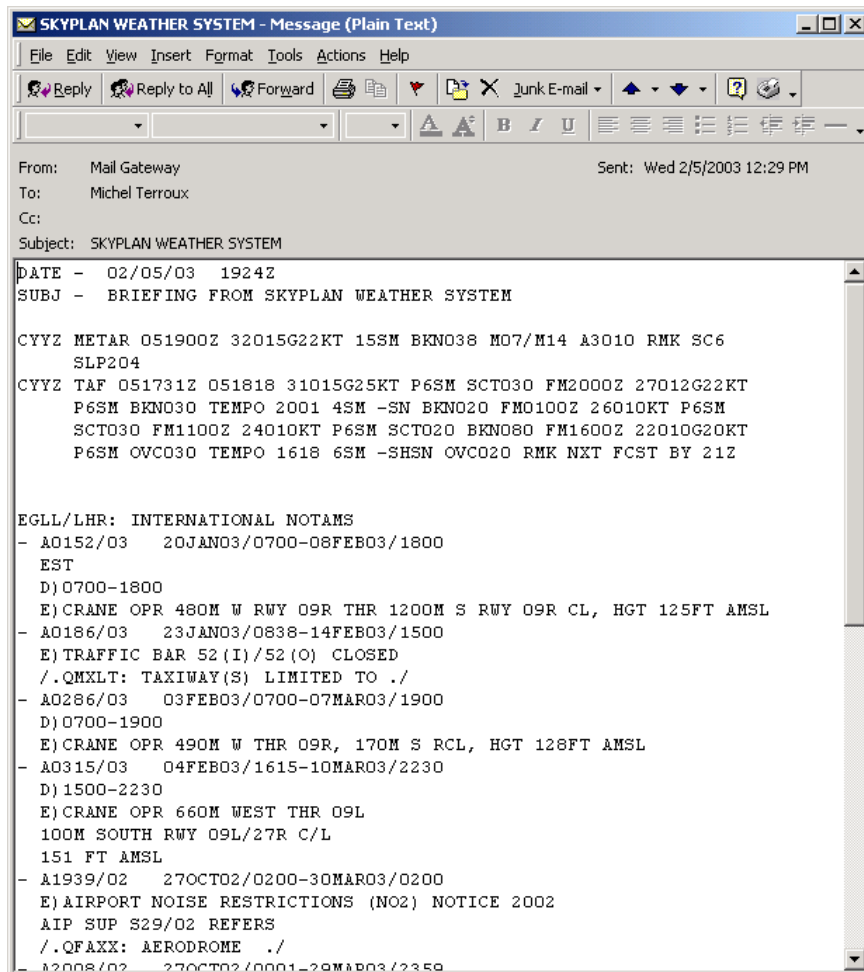
- 1) WXREQ stands for "Weather Request". This keyword actually tells the system that you want Weather/NOTAM information. This is a required keyword, as the system will not understand what you are trying to do unless you use this input. WXREQ is the access code to the CTO Weather Query System.
- 2) The weather request is made of one or more commands along with your input data.
- 3) This keyword stands for "End of Request".

Example:

You send the following message via E-Mail:



CTO Weather Query System returns the following:



Interactive Access

Interactive access to Skyplan's Weather/NOTAM System involves issuing simple Weather Query commands directly to the CTO Weather Query System. The requested Weather/NOTAM information is immediately returned to your desktop session.

```
+-----+
| SKYPLAN CYBERTRAC ONE WEATHER QUERY SYSTEM - Ver 3.4 |
+-----+

+-----+
| SYSTEM INFORMATION |
+-----+
| |
| |
+-----+
| Type "HELP" for a Complete List of Available Commands |
+-----+

Enter Command, "help", or "exit":
===>
```

Blank Weather Query System Input Screen

Example:

You issue the following weather command:

```
SAFT CYYZ
```

CTO Weather Query System returns the following:

```
CYYZ METAR 051900Z 32015G22KT 15SM BKN038 M07/M14 A3010 RMK SC6
SLP204
CYYZ TAF 051731Z 051818 31015G25KT P6SM SCT030 FM2000Z 27012G22KT
P6SM BKN030 TEMPO 2001 4SM -SN BKN020 FM0100Z 26010KT P6SM
SCT030 FM1100Z 24010KT P6SM SCT020 BKN080 FM1600Z 22010G20KT
P6SM OVC030 TEMPO 1618 6SM -SHSN OVC020 RMK NXT FCST BY 21Z
```

Keyword Requirements (Access via SITA/ARINC/E-Mail only):

- 1) The "WXREQ" keyword must always appear by itself on the 1st line of the weather request.
- 2) There must always be a space between the weather command and your input data (i.e.: **SAFT CYYC**). The space is required to tell the system that what follows is your input for the command.
- 3) The "EOR" keyword is required. It stands for "End of Request" and is required as the last keyword on the request. This keyword lets the system know that you have completed your request.

System Maintenance

At designated times during the day, the response time of the system may be slightly slowed for Weather/NOTAMs database maintenance.

3. Weather Commands

Overview

The following are the Documentation Conventions used in this manual to describe each weather command:

- Command - The name of the Weather command.
- Purpose - A brief description of the Weather command.
- Syntax - Syntax of Weather command.
- Parameters - Explanation of the User input parameters.
- Error Messages - Explanation of any Error Messages.
- Example - Example of the Weather command output.

Note: For some of the commands, there is detail **HELP** information that will assist you in correctly obtaining the information that you want. Note that not all commands have the **HELP** option and this is due to the simplicity of the command options.

Syntax Conventions

The following are the Syntax Conventions used to describe the commands and their parameters:

Lowercase - Substitute the required value for the parameter shown in lowercase.

Syntax: FA area
Example: FA BOS (retrieve FA for Northeast US)

[] - Any parameter enclosed in square brackets ([]) is optional.

Syntax: WW [-C hrs] stn
Example: WW KBOS (retrieve all WW for KBOS)
WW -C1 KBOS (retrieve any WW for KBOS received in the last hour)

Multiple Parameters - If multiple parameters are separated from each other by a vertical bar (|), choose only a single parameter; the vertical bar indicates "or".

Syntax: W area | help
Example: WW KBOS (retrieve all WW for KBOS)
WW HELP (retrieve Help Information)

... - You can insert any number of parms the location marked by an ellipsis (...).

Syntax: SA stn1...stnZ
Example: SA YYC (retrieve SA for 1 station)
SA YYC EGKK (retrieve SA for 2 stations)

Command: CNO

Purpose: The CNO command returns all Company NOTAMs for one or more aircraft registration or aircraft type.

Syntax: CNO [-A alc] admin | equip1...equipN | fin1...finN

Parameters:

- "-A alc" is used to specify the desired Airline (ie: aca).
- "admin" to request company ADMIN notams.
- "equip1...equipN" are the desired aircraft types (ie: B737).
- "fin1...finN" are the desired aircraft registrations (ie: N1234).

Error Messages:

- If no NOTAMs are found for an aircraft, the following message will be displayed:

xxx/xxx: NO COMPANY NOTAMS ON FILE

Example:

User Input:

CNO B737

System Response:

B737: COMPANY NOTAMS
- ALL B737 CAPTAINS MUST REPORT TO CHIEF PILOT UPON CHECK-IN.

User Input:

CNO N1234

System Response:

N1234: NO COMPANY NOTAMS ON FILE

Command: FA

Purpose: The FA command returns the latest Area Forecast Bulletin for the requested area.

Syntax: FA area | stn | bulhdr [stn] | HELP

Parameters:

- "area" is the area of concern (see HELP).
- "stn" is the Bulletin Reporting Station (i.e.: KKCI).
- "bulhdr" is the Bulletin Header Name (i.e.: FACA20).
- "HELP" to display detail help information.

Error Messages:

- ❑ If the selection criteria is incorrect or no bulletin information is found in the weather system, the following message will be displayed:

NO FA INFORMATION FOUND FOR: xxxx (xxxx is the requested FA)

Example:

User Input:

```
FA CARIBBEAN
```

System Response:

```
-----  
AREA FORECAST - CARIBBEAN/SOUTHERN ATLANTIC  
-----  
---FACA20 KKCI 211336  
OFAMKC  
INTERNATIONAL OPERATIONS BRANCH  
AVIATION WEATHER CENTER KANSAS CITY MISSOURI  
VALID 211200-220000  
OUTLOOK...220000-221200  
.  
ATLANTIC S OF 32N W OF 57W...CARIBBEAN...GULF OF MEXICO AND ADJ  
COAST N OF 23N...AND FLORIDA SFC TO 400 MB. TSRA IMPLY PSBL SEV  
OR GTR TURB...SEV ICE...LO LVL WS AND STG SFC WND AND CEILINGS  
BLW 010 AND VIS BLW 3SM.  
.  
SYNOPSIS...STY FNT FM NERN MS THRU 32N90W ACRS CNTL LA ALG TX CST  
TO DVLPG LOW NR CRP. LOW EXP TO MOV NEWD AND BRG CDFNT INTO  
GULFMEX TONIGHT. STG WND S AHD OF CDFNT WIL SHIFT TO NW AS CDFNT  
MOVS EWD. WMFNT FM WRN ATLC A29N69W ALG 31N76W 30N81W TO OVR FL  
PEN NR 28N83W.  
.  
...COR FOR MISSING FRZLVLS AND POINTS IN ATLC CSTL WTRS...  
.  
SIGNIFICANT CLD/WX...  
SERN TX AND CSTLWTRS  
CIG BLW 010 VIS BLW 3SM SHRA TSRA BR. TOPS LYRD TO FL200. TIL  
16Z..N OF LN 35NE CRP-55SW PSX-25ESE IAH..TS POSS SEV. AFT  
18Z..BKN-0VC010-020 TOPS FL200. SCT TSRA BR. VIS BLW 3SM TSRA BR.  
OTLK...IFR CIG VIS TSRA BR.  
...  
...  
...
```

Command: FC

Purpose: The FC command returns the latest Short Term Terminal Forecast for one or more airports.

Syntax: FC [-T# | -C#] stn1...stnZ

Parameters:

- "-T#" is used to select prior forecasts (i.e.: -T2 for the last 2 FCs).
- "-C#" is used to select FCs received in the last x minutes (i.e.: -C60 for last 60 minutes).
- "stn1...stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or was incorrectly entered, the following message will be displayed:

xxxx AIRPORT NOT FOUND (xxxx is the airport)

- ❑ If an airport is in the system but is not currently activated for weather collection, the following message will be displayed. Please notify Skyplan in order to have it activated.

xxxx NO FC WEATHER FOUND (xxxx is the airport)

- ❑ If no terminal forecast has been received in the last 9 hours, the following message will be displayed:

xxxx FC FORECAST OUTDATED (xxxx is the airport)

Example:

User Input:

```
FC EGKK
```

System Response:

```
EGKK FC 011601 35008KT 8000 BKN016 BKN035 BECMG 1922 5000 -RA BKN013  
TEMPO 2301 BKN008
```

User Input:

```
FC -T2 EGLL
```

System Response:

```
EGLL FC 011601 35008KT 9999 BKN020 BKN035 BECMG 1922 7000 -RA BKN015  
TEMPO 2301 4000 BKN010  
FC 011322 35009KT 9999 BKN022 BECMG 1922 7000 -RA BKN015
```

Command: FCC

Purpose: The FCC command returns the latest Alternate Airport Short Term Terminal Forecast for one or more airports (i.e.: Circle Forecast Weather). By default, the latest issued FCs will be displayed.

Syntax: FCC [-T#] stn1...stnZ

Parameters:

- "-T#" is used to select prior forecasts (i.e.: -T2 for last 2 FCs).
- "stn1...stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx AIRPORT NOT FOUND (xxxx is the airport)
- ❑ If an airport is in the system but is not currently activated for weather collection, the following message will be displayed. Please notify Skyplan in order to have it activated.

xxxx NO FC WEATHER FOUND (xxxx is the airport)
- ❑ If no terminal forecast has been received in the last 9 hours, the following message will be displayed:

xxxx FC FORECAST OUTDATED (xxxx is the airport)
- ❑ If no alternate airports are defined in the system for the requested airport, the following message will be displayed:

xxxx NO ALTERNATES FOR AIRPORT (xxxx is the airport)

Example:

User Input:

```
FCC EGHH
```

System Response:

```
EGHH FC 011904 35007KT 9999 BKN020 BECMG 2022 7000 BKN014 TEMPO 0204  
5000 BKN010  
EGKK FC 011904 36006KT 8000 -RA BKN013 BKN030 BECMG 2124 4000 BKN005  
EGFF FC 011904 VRB03KT 9999 BKN030 TEMPO 1904 SCT030  
EGBB FC 011904 33010KT 9999 SCT015 BKN025 BECMG 2124 8000 BKN012  
PROB30 TEMPO 0004 3000 -DZ BKN007  
EGCC FC 011904 30007KT 9999 FEW025 PROB30 TEMPO 0004 3000 BR BKN010
```


Command: FD

Purpose: The FD command returns the latest Winds and Temperature Aloft information for one or more airports.

Syntax: FD [-L | -H | -A# | -T# | -V#] stn1...stnZ | bulhdr | HELP

FD [-M xxx] -W wpt1...wptZ
FD [-M xxx] -WA wpt1...wptZ

Parameters:

- "-L" is used to display flight levels 3000-18000.
- "-H" is used to display flight levels 24000-54000.
- "-A#" is used to specify the starting flight level (i.e.: -A6).
- "-T#" is used to get FD data valid X hours in the future (i.e.: -T10).
- "-V#" is used to get the specific validity period (i.e.: -V1721).
- "-M xxx" is used to specify the Wind Model (i.e.: -M AVN). Used with the "-W" and "-WA" parameters.
- "-W" is used to request Waypoint/LatLon/Airport FD data for flight levels 10000-53000
- "-WA" is used to request Waypoint/LatLon/Airport FD data in 1000ft increments for flight levels 1000-55000
- "stn1...stnZ" are the desired airports.
- "wpt1...wptZ" are the desired fully qualified waypoints (WWWWW-CC-T), Lat/Long points (ex: N5040), or ICAO airport ID.
- "bulhdr" is the Bulletin Header Name (see HELP).
- "HELP" to display detail help information.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx AIRPORT NOT FOUND (xxxx is the airport)
- ❑ If no Wind and Temperature Aloft information is available, the following message will be displayed:

xxxx NO DATA AVAILABLE FOR yyyy (xxxx is the airport, yyyy is the validity period)
- ❑ If the BULHDR parameter is incorrect or no bulletin information is found in the weather system, the following message will be displayed:

NO FD INFORMATION FOUND FOR: xxxx (xxxx is the requested FD)
- ❑ If too many stations or waypoints are specified, the following message will be displayed:

ERROR: MAX STATIONS EXCEEDED. xxxx WILL NOT BE PROCESSED (xxxx is the station/waypoint)

- ❑ If the Wind Model (-M xxx) is invalid or not available, the following message(s) will be displayed:

ERROR: [xxx] INVALID WIND MODEL SPECIFIED
ERROR: [xxx] WIND MODEL DATA NOT FOUND

Example:

User Input:

```
FD YYC
```

System Response:

```
FD YYC
PROG ISSUED VALID 3000 6000 9000 12000 18000
0818 081520 17-21 ---- 0720-21 0927-20 0923-23 1007-30
0900 082015 21-06 ---- 1015-25 1022-23 1019-25 0807-31
0912 081530 06-17 ---- 1015-23 1127-18 1027-21 0820-31

PROG ISSUED VALID 24000 30000 34000 39000 45000 53000
0818 081640 17-21 2613-41 263455 272955 302953 323352 334053
0900 081640 21-06 2607-42 301754 321955 332552 343751 344653
0912 081640 06-17 0725-40 052951 052753 042552 012854 353153
```

User Input:

```
FD -L YYC
```

System Response:

```
FD YYC
PROG ISSUED VALID 3000 6000 9000 12000 18000
0818 081520 17-21 ---- 0720-21 0927-20 0923-23 1007-30
0900 082015 21-06 ---- 1015-25 1022-23 1019-25 0807-31
0912 081530 06-17 ---- 1015-23 1127-18 1027-21 0820-31
```

User Input:

```
FD -A9 YYC
```

System Response:

```
FD FOR PROG: 0818 ISSUED: 081520 VALID: 17-21
STN 9000 12000 18000 24000 30000 34000 39000 45000
YYC 0927-20 0923-23 1007-30 2613-41 263455 272955 302953 323352
```

User Input:

FD -T10 YYC

System Response:

```
FD FOR PROG: 0912 ISSUED: 081530 VALID: 06-17
STN 3000 6000 9000 12000 18000 24000 30000 34000 39000
YYC ---- 1015-23 1127-18 1027-21 0820-31 0725-40 052951 052753 042552
```

User Input:

FD -V0617 YYC

System Response:

```
FD FOR PROG: 0912 ISSUED: 081530 VALID: 06-17
STN 3000 6000 9000 12000 18000 24000 30000 34000 39000
YYC ---- 1015-23 1127-18 1027-21 0820-31 0725-40 052951 052753 042552
```

User Input:

FD -W CYYC YAG-CY-N 40N010W-A-E 40N55

System Response:

```
FD FOR PROG: 111212
FT      10000      18000      24000      30000      34000      38000      45000      53000
CYYC  297/017 -8 333/051-20 325/069-29 333/072-46 339/085-57 331/075-63 330/050-60 314/030-59
YAG   068/024 -9 081/024-20 077/018-32 051/014-47 048/012-54 250/008-52 257/023-53 251/026-55
40N01 329/026 -6 323/022-25 309/021-37 299/023-53 293/029-59 276/035-53 273/043-53 267/038-59
40N55 304/035-15 293/068-27 290/081-38 282/098-47 281/090-50 275/075-51 273/052-53 264/029-56
```

User Input:

FD -WA CYYC YAG-CY-N 40N010W-A-E 40N55

System Response:

FD FOR PROG: 111212

CYYC

01011400602302012800602003014500501804016500501505018200601206019500700907020500800
6080211010004090216011001100220013-01110220016-03120219019-05130219022-08140219026-
10150219029-12160219032-15170219035-17180219039-20190215039-22200211040-
24210207041-26220203042-28230199043-30240196045-32250200049-34260203054-
36270205059-38280208064-40290209069-42300211074-45310211077-46320212080-
48330212083-49340212086-51350213076-50360215067-50370218057-49380221048-
49390219045-49400217043-49410215041-49420213038-49430210036-49440207034-
49450204033-49460205030-49470205028-50480206025-50490207023-51500208021-
51510209018-52520211016-52530213014-53540213014-53550213014-53

Decode (Note - Data is Continuous):

Col 1-3 : Altitude (in 1000ft increments from 010 to 550)
Col 4-6 : Wind Direction
Col 7-9 : Wind Speed
Col 10-12: Temperature

Command: FP

Purpose: The FP command returns the latest Public Forecast Bulletin for the requested area.

Syntax: FP area | stn | bulhdr [stn] | HELP

Parameters:

- "area" is the area of concern (see HELP).
- "stn" is the Bulletin Reporting Station (i.e.: KMIA).
- "bulhdr" is the Bulletin Header Name (i.e.: FPCN11).
- "HELP" to display detail help information.

Error Messages:

- ❑ If the selection criteria is incorrect or no bulletin information is found in the weather system, the following message will be displayed:

NO FP INFORMATION FOUND FOR: xxxx (xxxx is the requested FP)

Example:

User Input:

```
FP ABS
```

System Response:

```
-----  
PUBLIC FORECAST - SOUTHERN ALBERTA  
-----  
FPCN11 CWEG 242230  
  
FORECASTS FOR SOUTHERN ALBERTA ISSUED BY ENVIRONMENT CANADA AT  
4.00 PM MST FRIDAY 24 JANUARY 1997 FOR TONIGHT SATURDAY AND SUNDAY.  
THE NEXT SCHEDULED FORECAST WILL BE ISSUED AT 5.00 AM MST SATURDAY.  
  
SYNOPSIS FOR SOUTHERN ALBERTA.  
..NEAR RECORD MINIMUM TEMPERATURES FOR TONIGHT..  
A RIDGE OF ARCTIC HIGH PRESSURE WILL DOMINATE THE WEATHER PATTERN  
FOR THE WEEKEND. SKIES BEGAN TO CLEAR OVER SOUTHERN REGIONS TODAY AS  
THE ARCTIC RIDGE BUILDS SOUTHWARD INTO ALBERTA. A VERY COLD AIRMASS  
CONTINUED TO INVADE THE FORECAST DISTRICT TODAY. CLEAR SKIES AND  
DIMINISHING WINDS WILL ALLOW TEMPERATURES TO PLUMMET DOWN TO THE  
MINUS 40 DEGREE MARK ACROSS SOUTHERN REGIONS. LITTLE CHANGE IS  
EXPECTED FOR THE WEEKEND. SKIES WILL BE SUNNY BUT DAYTIME MAXIMUM  
TEMPERATURES WILL ONLY RISE TO MINUS 25 DEGREES. TEMPERATURES WILL  
MODERATE SLIGHTLY EARLY NEXT WEEK AS THE UPPER FLOW OVER THE REGION  
BECOMES WESTERLY.
```

Command: FT

Purpose: The FT command returns the latest Terminal Forecast for one or more airports. By default, the latest issued TAF will be displayed.

Note: If no TAF(s) are found, the command will return the latest Short Term Terminal Forecast(s) (FC) if available.

Syntax: FT [-T# | -C#] stn1...stnZ

Parameters:

- "-T#" is used to select prior forecasts (i.e.: -T2 for last 2 TAFs).
- "-C#" is used to select TAFs received in the last x minutes (i.e.: -C60 for last 60 minutes).
- "stn1...stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx AIRPORT NOT FOUND (xxxx is the airport)

- ❑ If an airport is in the system but is not currently activated for weather collection, the following message will be displayed. Please notify Skyplan in order to have it activated.

xxxx NO TAF WEATHER FOUND (xxxx is the airport)

- ❑ If no terminal forecast has been received in the last 30 hours, the following message will be displayed:

xxxx FORECAST OUTDATED (xxxx is the airport)

Example:

User Input:

```
FT YYC
```

System Response:

```
YYC TAF 252230Z 252323 VRB03KT P6SM SCT025 SCT250 TEMPO 2304 P6SM  
-SHRA BKN025 BECMG 0405 P6SM SCT025 SCT250 TEMPO 0423 BKN025  
RMK NXT FCST BY 02Z
```

Command: FTC

Purpose: The FTC command returns the latest Alternate Airport Terminal Forecast for one or more airports (i.e.: Circle Forecast Weather). By default, the latest issued TAF will be displayed.

Note: If no TAF(s) are found, the command will return the latest Short Term Terminal Forecast(s) (FC) if available.

Syntax: FTC [-T#] stn1...stnZ

Parameters:

- "-T#" is used to select prior forecasts (i.e.: -T2 for last 2 TAFs).
- "stn1...stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:
- ❑ If an airport is in the system but is not currently activated for weather collection, the following message will be displayed. Please notify Skyplan in order to have it activated.

xxxx AIRPORT NOT FOUND (xxxx is the airport)

xxxx NO TAF WEATHER FOUND (xxxx is the airport)

- ❑ If no terminal forecast has been received in the last 30 hours, the following message will be displayed:

xxxx FORECAST OUTDATED (xxxx is the airport)

- ❑ If no alternate airports are defined in the system for the requested airport, the following message will be displayed:

xxxx NO ALTERNATES FOR AIRPORT (xxxx is the airport)

Example:

User Input:

```
FTC YYC
```

System Response:

```
CYYC TAF 252230Z 252323 VRB03KT P6SM SCT025 SCT250 TEMPO 2304 P6SM
RMK NXT FCST BY 02Z
CYQL TAF 252230Z 252311 VRB03KT P6SM SCT025 SCT250 TEMPO 2304 P6SM
-SHRA BKN025 RMK NXT FCST BY 05Z
CYZF TAF 252231Z 252323 16015KT P6SM SCT270 RMK NXT FCST BY 05Z
```

Command: HELP

Purpose: To display help information on the available Weather Query commands.

Syntax: HELP

Parameters:

- None.

Error Messages:

- None.

Example:

User Input:

```
HELP
```

System Response:

```
SKYPLAN CYBERTRAC ONE WEATHER QUERY SYSTEM
=====
COMMAND  PARAMETERS                                REMARKS
-----
* Query Commands
SA       [-T# | -C#] stn1...stnZ             Display SA Weather
FT       [-T# | -C#] stn1...stnZ             Display FT Weather
SAFT     [-T#] stn1...stnZ                   Display SA/FT Weather
...
...
...
```


Command: LIST

Purpose: To produce a directory list of pre-stored User Macros.

Syntax: LIST [pattern]

Parameters:

- "pattern" is used to produce a subset listing of all macros (i.e.: YYC* for all macros beginning with YYC).

Error Messages:

- None.

Example:

User Input:

```
LIST
```

System Response:

```
MACRO1      MACRO3  MACRO5  
MACRO2      MACRO4
```

Command: "Macro Name"

Purpose: To initiate the generation of a predefined macro. Note that Skyplan must build this predefined macro for you. Normally the name of the briefing is the origin/destination codes, however, any name will suffice.

Syntax: "Macro Name" - e.g. YYCYEG

Parameters:

- None

Error Messages:

- ❑ If the user has specified a macro name which does not exist, the system will return the following error:

*** ERROR: Command "macro name" not available

Example:

User Input:

```
YYCYEG
```

System Response:

```
ATTN:  CAPTAIN OF XYZ AIRLINES
FLT :   XYZ123

----- WEATHER BRIEFING -----
----
ORIG
----
YYC  METAR 202100Z 01023KT 1/2SM -SN BLSN BKN005 OVC034 M13/M16
     A2964 RMK SN5SF2SC2 SLP100

YYC  TAF 201931Z 202017 02015G25KT 1/2SM -SN BLSN BKN008 OVC030
     TEMPO 2003 11/2SM -SN BLSN OVC010 FM0300Z 06010G20KT 1SM -SN
     BLSN OVC010 TEMPO 0306 3SM -SN OVC020 FM0600Z 09010KT 3SM -SN
     SCT010 OVC025 TEMPO 0611 2SM -SN OVC010 RMK NXT FCST BY 23Z

----
DEST
YEG  METAR 202100Z 36012KT 4SM -SN DRSN FEW030 SCT055 BKN250

YEG  TAF 201936Z 202017 35010G20KT 6SM -SN SCT008 SCT015 OVC030
     TEMPO 2000 1SM -SHSN BLSN BKN015 FM0000Z 36010KT 6SM -SN
     SCT010 BKN030 OVC080 TEMPO 0003 3SM -SN BLSN BKN010 FM0600Z
     36010KT P6SM SCT020 BKN040 TEMPO 0612 6SM -SN RMK NXT FCST BY
     23Z

----- END OF BRIEFING -----
```

Command: NO

Purpose: The NO command returns all the Notification to Airmen information for one or more airports. If the airport ID is entered in ICAO format, International NOTAMs will be displayed. If the airport ID is entered in IATA format, Domestic NOTAMs will be displayed.

Syntax: NO [-C# |-S# |-E# |-A|-B|-D|-F|-I|-L|-O|-R|-XT] stn1...stnZ

Parameters:

- "-C#" is used to select NOTAMs received in the last x minutes (i.e.: -C60 for last 60 minutes).
- "-S#" is used to indicate valid start day in the future (i.e.: -S2 to start 2 days from today. Default is today).
- "-E#" is used to indicate valid end day in the future (i.e.: -E4 to end 4 days from today. Default is infinity).
- "-A" is used to display any NOTAMs on file (i.e.: if no Intl NOTAMs, display Dom NOTAMs. If no Dom NOTAMs, display Intl NOTAMs)
- "-B" displays both (International and Domestic) NOTAM types.
- "-D" is used to display only Domestic NOTAMs on file regardless of the airport ID format (ICAO or IATA).
- "-F" is used to force the system to display FIR NOTAMs when the Airport name and the FIR name are the same (ie: HSSS). The default is to display Airport NOTAMs only.
- "-I" is used to display only International NOTAMs on file regardless of the airport ID format (ICAO or IATA).
- "-L" is used to display only English (-LE) / French (-LF) NOTAMs. Default is to display all NOTAMs. (NOTE: Only valid for Canadian Notams)
- "-O" is used to display only NOTAMs for the specified Airport/FIR. Default is to display all NOTAMs issued under the specified Airport/FIR.
- "-R" is used to display only runway condition NOTAMs for the specified Airport.
- "-XT" is used to suppress all NORPAC Track NOTAMs for the specified Airport.
- "stn1...stnZ" are the desired Airports/FIRs.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx FIR: NOT COLLECTING NOTAMS (xxxx is the airport)
- ❑ If an airport is in the system but is not currently activated for weather collection, the following message will be displayed. Please notify Skyplan in order to have it activated.

xxxx/xxx: NOT COLLECTING NOTAMS (xxxx/xxx is the airport)

- ❑ If no NOTAMs are found for a station, the following message will be displayed:

xxxx/xxx: NO INTERNATIONAL/DOMESTIC NOTAMS ON FILE

- ❑ If the airport does not exist, the following message will be displayed:

xxxx: AIRPORT NOT FOUND

Example:

User Input:

NO YYC LAX

System Response:

```
CYYC/YYC: DOMESTIC NOTAMS
- 12/003   YYC 34 ILS LOC OTS

KLAX/LAX: DOMESTIC NOTAMS
- 01/004   LAX 6L-24R CLSD 0800-1400 DLY EFF 180800-221400
- 12/012   LAX 6L ILS MM OTS
- 12/013   LAX 6R ILS MM OTS
```

User Input:

NO IST

System Response:

LTBA/IST: NO DOMESTIC NOTAMS ON FILE

User Input:

NO LTBA

System Response:

```
LTBA/IST: INTERNATIONAL NOTAMS
- A0041/93  15JAN93/1501-16JAN93/1500
  E)THERE ARE HOLES WHICH IS INTERVAL 3 METERS,DEPTH 1M.
  RADIUS 25CM.ON THE HEAD OF RWY 18/36.DUE TO THRESHOLD
  LIGHTS AND END OF RWY LIGHTS MAINTENANCE.CAUTION ADVICE.)
- A1299/92  31DEC92/0900-31DEC93/1500
  E)RWY 06/24 CENTERLINE LIGHTS OUT OF SERVICE.)
- A1300/92  31DEC92/0900-31DEC93/1500
  E)TWY T12 CENTERLINE LIGHTS OUT OF SERVICE.)
```

User Input:

NO -A IST

System Response:

```
LTBA/IST: NOTAMS
- A0041/93 15JAN93/1501-16JAN93/1500
  E)THERE ARE HOLES WHICH IS INTERVAL 3 METERS,DEPTH 1M.
  RADIUS 25CM.ON THE HEAD OF RWY 18/36.DUE TO THRESHOLD
  LIGHTS AND END OF RWY LIGHTS MAINTENANCE.CAUTION ADVICE.)
- A1299/92 31DEC92/0900-31DEC93/1500
  E)RWY 06/24 CENTERLINE LIGHTS OUT OF SERVICE.)
- A1300/92 31DEC92/0900-31DEC93/1500
  E)TWY T12 CENTERLINE LIGHTS OUT OF SERVICE.)
```

User Input:

NO -R CYSM

System Response:

```
CYSM/YSM: RUNWAY CONDITIONS
- 000000 WIE-22NOV01/2221
  CYSM RSC 11/29 60 PERCENT BARE AND DRY 20 PERCENT TR LOOSE SNOW 10
  PERCENT TR SLUSH 10 PERCENT ICE PATCHES 0111221616
  CYSM CRFI 11/29 -3 .63 0111221616
```

Command: SA

Purpose: The SA command returns the latest Station Actuals for one or more airports. By default, the latest issued METAR will be displayed.

Syntax: SA [-T# | -C#] stn1...stnZ

Parameters:

- "-T#" is used to select prior actuals (ie: -T6 for last 6 METARs).
- "-C#" is used to select METARs received in the last x minutes (ie: -C15 for last 15 minutes).
- "stn1...stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx AIRPORT NOT FOUND (xxxx is the airport)

- ❑ If an airport is in the system but is not currently activated for weather collection, the following message will be displayed. Please notify Skyplan in order to have it activated.

xxxx NO METAR WEATHER FOUND (xxxx is the airport)

- ❑ If no system actual has been received in the last 24 hours, the following message will be displayed:

xxxx ACTUAL OUTDATED (xxxx is the airport)

Example:

User Input:

```
SA YYC YEG
```

System Response:

```
YYC METAR 252200Z 13009KT 40SM SCT032 BKN270 17/10 A2987 RMK CU3CI1  
SLP127  
YEG METAR 252200Z 04002KT 15SM SCT029 BKN040 13/07 A2991 RMK CU3SC4  
SLP141
```

User Input:

```
SA -T2 YEG
```

System Response:

```
YEG METAR 252200Z 04002KT 15SM SCT029 BKN040 13/07 A2991 RMK CU3SC4  
METAR 252100Z 00000KT 15SM BKN025 BKN050 14/08 A2991
```

Command: SAC

Purpose: The SAC command returns the latest Alternate Airport Station Actuals for one or more airports (i.e.: Circle Actual Weather). By default, the latest issued METAR will be displayed.

Syntax: SAC [-T#] stn1...stnZ

Parameters:

- "-T#" is used to select prior actuals (i.e.: -T6 for last 6 METARs).
- "stn1...stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx AIRPORT NOT FOUND (xxxx is the airport)
- ❑ If an airport is in the system but is not currently activated for weather collection, the following message will be displayed. Please notify Skyplan in order to have it activated.

xxxx NO METAR WEATHER FOUND (xxxx is the airport)
- ❑ If no system actual has been received in the last 24 hours, the following message will be displayed:

xxxx ACTUAL OUTDATED (xxxx is the airport)
- ❑ If no alternate airports are defined in the system for the requested airport, the following message will be displayed:

xxxx NO ALTERNATES FOR AIRPORT (xxxx is the airport)

Example:

User Input:

```
SAC YYC
```

System Response:

```
CYYC METAR 252200Z 13009KT 40SM SCT032 BKN270 17/10 A2987 RMK CU3CI1  
CYEG METAR 252200Z 04002KT 15SM SCT029 BKN040 13/07 A2991 RMK CU3SC4 SLP141  
...  
...  
CYYZ METAR 252200Z 32014KT 300V010 20SM FEW050 23/10 A3004 RMK CU2  
CZXF METAR 252200Z 15015KT 15SM FEW270 21/04 A2986 RMK CI1 SLP118
```

Command: SAFT

Purpose: The SAFT command returns the latest Station Actuals and Terminal Forecasts for one or more airports. By default, the latest issued METAR and TAF will be displayed.

Syntax: SAFT [-T#] stn1...stnZ

Parameters:

- "-T#" is used to select prior actuals/forecasts (i.e.: -T6 for last 6 METARs /2 TAFs).
- "stn1...stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx AIRPORT NOT FOUND (xxxx is the airport)

- ❑ If an airport is in the system but is not currently activated for weather collection, the following message(s) will be displayed. Please notify Skyplan in order to have it activated.

xxxx NO METAR WEATHER FOUND (xxxx is the airport)
xxxx NO TAF WEATHER FOUND (xxxx is the airport)

- ❑ If no system actual has been received in the last 24 hours and/or no terminal forecast has been received in the last 30 hours, the following message(s) will be displayed:

xxxx ACTUAL OUTDATED (xxxx is the airport)
xxxx FORECAST OUTDATED (xxxx is the airport)

Example:

User Input:

```
SAFT YJC YEG
```

System Response:

```
YJC METAR 252200Z 13009KT 40SM SCT032 BKN270 17/10 A2987 RMK CU3CI1
YEG METAR 252200Z 04002KT 15SM SCT029 BKN040 13/07 A2991 RMK CU3SC4

YJC TAF 252230Z 252323 VRB03KT P6SM SCT025 SCT250 TEMPO 2304 P6SM
-SHRA BKN025 BECMG 0405 P6SM SCT025 SCT250 TEMPO 0423
BKN025 RMK NXT FCST BY 02Z
YEG TAF 252230Z 252323 13005KT P6SM SCT030 BKN050 TEMPO 2303 P6SM
-SHRA BKN025 OVC050 FM0300Z 15005KT P6SM SCT030 BKN060
TEMPO 0314 BKN020 OVC060 FM1400Z 15008KT P6SM SCT060
SCT100 PROB30 2123 VRB10G30KT 4SM TSRA BKN035CB RMK NXT
FCST BY 02Z
```


Command: SAFTC

Purpose: The SAFT command returns the latest Alternate Airport Station Actuals and Terminal Forecasts for one or more airports (i.e.: Circle Actual/Forecast Weather). As default, the latest issued METAR and TAF will be displayed.

Syntax: SAFTC [-T#] stn1...stnZ

Parameters:

- "-T#" is used to select prior actuals/forecasts (i.e.: -T6 for last 6 METARs/2 TAFs).
- "stn1...stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx AIRPORT NOT FOUND (xxxx is the airport)

- ❑ If an airport is in the system but is not currently activated for weather collection, the following message(s) will be displayed. Please notify Skyplan in order to have it activated.

xxxx NO METAR WEATHER FOUND (xxxx is the airport)
xxxx NO TAF WEATHER FOUND (xxxx is the airport)

- ❑ If no system actual has been received in the last 24 hours and/or no terminal forecast has been received in the last 30 hours, the following message(s) will be displayed:

xxxx ACTUAL OUTDATED (xxxx is the airport)
xxxx FORECAST OUTDATED (xxxx is the airport)

- ❑ If no alternate airports are defined in the system for the requested airport, the following message will be displayed:

xxxx NO ALTERNATES FOR AIRPORT (xxxx is the airport)

Example:

User Input:

```
SAFTC YYC
```

System Response:

```
CYYC METAR 252200Z 13009KT 40SM SCT032 BKN270 17/10 A2987  
CYEG METAR 252200Z 04002KT 15SM SCT029 BKN040 13/07 A2991  
...  
...  
...  
CYYZ METAR 252200Z 32014KT 300V010 20SM FEW050 23/10 A3004
```

```
CYZF METAR 252200Z 15015KT 15SM FEW270 21/04 A2986

CYYC TAF 252230Z 252323 VRB03KT P6SM SCT025 SCT250 TEMPO 2304 P6SM
-SHRA BKN025 BECMG 0405 P6SM SCT025 SCT250 TEMPO 0423
BKN025 RMK NXT FCST BY 02Z

CYES TAF 252230Z 252323 13005KT P6SM SCT030 BKN050 TEMPO 2303 P6SM
-SHRA BKN025 OVC050 FM0300Z 15005KT P6SM SCT030 BKN060
TEMPO 0314 BKN020 OVC060 FM1400Z 15008KT P6SM SCT060
SCT100 PROB30 2123 VRB10G30KT 4SM TSRA BKN035CB RMK NXT
FCST BY 02Z

...
...
...
CYYZ TAF 252230Z 252323 33010KT P6SM SCT040 FM0100Z VRB03KT P6SM
SKC FM1400Z 33005KT P6SM SCT040 RMK NXT FCST BY 02Z
CYZF TAF 252231Z 252323 16015KT P6SM SCT270 RMK NXT FCST BY 05Z
```

Command: SAFTFD

Purpose: The SAFTFD command returns that latest Station Actual, Terminal Forecast, Winds and Temperature Aloft for one of more airports. By default, the latest issued METAR, TAF, and FD will be displayed.

Syntax: SAFTFD stn1..stnZ

Parameters:

- "stn1..stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx AIRPORT NOT FOUND (xxxx is the airport)

- ❑ If an airport is in the system but is not currently activated for weather collection, the following message(s) will be displayed. Please notify Skyplan in order to have it activated.

xxxx NO METAR WEATHER FOUND (xxxx is the airport)
xxxx NO TAF WEATHER FOUND (xxxx is the airport)

- ❑ If no system actual has been received in the last 24 hours and/or no terminal forecast has been received in the last 30 hours, the following message(s) will be displayed:

xxxx ACTUAL OUTDATED (xxxx is the airport)
xxxx FORECAST OUTDATED (xxxx is the airport)

Example:

User Input:

```
SAFTFD YYC
```

System Response:

```
YYC METAR 252200Z 13009KT 40SM SCT032 BKN270 17/10 A2987 RMK CU3C11
YYC TAF 252230Z 252323 VRB03KT P6SM SCT025 SCT250 TEMPO 2304 P6SM
-SHRA BKN025 BECMG 0405 P6SM SCT025 SCT250 TEMPO 0423
BKN025 RMK NXT FCST BY 02Z
FD YYC
PROG ISSUED VALID 3000 6000 9000 12000 18000
2600 251530 21-06 ---- 1709+09 2110+02 2212-04 2316-16
2612 251530 06-17 ---- 2608+08 2213+02 2220-04 2233-16
...
...
```

Command: SAFTNO

Purpose: The SAFTNO command returns that latest Station Actual, Terminal Forecast and NOTAMs for one of more airports. By default, the latest issued METAR, TAF, and NOTAMs will be displayed. The NOTAMs will be displayed as current in the system.

Syntax: SAFTNO stn1..stnZ

Parameters:

- "stn1..stnZ" are the desired airports.

Error Messages:

- ❑ If an airport is not found in the system or is incorrectly entered, the following message(s) will be displayed:

```
xxxx AIRPORT NOT FOUND      (xxxx is the airport)
xxxx FIR: NOT COLLECTING NOTAMS (xxxx is the airport)
```

- ❑ If an airport is in the system but is not currently activated for weather collection, the following message(s) will be displayed. Please notify Skyplan in order to have it activated.

```
xxxx NO METAR WEATHER FOUND (xxxx is the airport)
xxxx NO TAF WEATHER FOUND   (xxxx is the airport)
xxxx/xxx: NOT COLLECTING NOTAMS (xxxx/xxx is the airport)
```

- ❑ If no system actual has been received in the last 24 hours and/or no terminal forecast has been received in the last 30 hours, the following message(s) will be displayed:

```
xxxx ACTUAL OUTDATED (xxxx is the airport)
xxxx FORECAST OUTDATED (xxxx is the airport)
```

Example:

User Input:

```
SAFTNO YYZ
```

System Response:

```
YYZ METAR 252300Z 33015KT 20SM FEW060 22/09 A3005 RMK SC2 SLP177
YYZ TAF 252230Z 252323 33010KT P6SM SCT040 FM0100Z VRB03KT P6SM SKC
FM1400Z 33005KT P6SM SCT040 RMK NXT FCST BY 02Z

CYYZ/YYZ: DOMESTIC NOTAMS
- 04/002 24R THR DSPLCD 200 TIL 09302300
- 04/053 6R ILS CAT 2 NA EFF 05010200-06302200
- 05/050 33 ILS GS OTS TIL 07122000
- 06/007 33 RVR OTS TIL 07142000
- 06/033 15 ILS OTS EFF 06251200-06262000
- 06/034 6R-24L CLSD 0200-1000 DLY EFF 06250200-06281000
```

Command: SD

Purpose: The SD command returns the latest Radar Reports for the requested area.

Syntax: SD area | stn | bulhdr [stn] | HELP

Parameters:

- "area" is the area of concern (see HELP).
- "stn" is the Bulletin Reporting Station (i.e.: KFAR).
- "bulhdr" is the Bulletin Header Name (i.e.: SDXX1).
- "HELP" to display detail information.

Error Messages:

- ❑ If the selection criteria is incorrect or no bulletin information is found in the weather system, the following message will be displayed:

NO SD INFORMATION FOUND FOR: xxxx (xxxx is the requested SD)

Example:

User Input:

```
SD KFAR
```

System Response:

```
-----  
RADAR REPORT  
-----  
---SDXX1 KFAR 041737  
RNSFAR  
RADAR SUMMARY  
NATIONAL WEATHER SERVICE FARGO ND  
1137 AM CST MON MAR 4 1996  
AT 1130 AM CST...SNOW CONTINUED OVER SOUTHEAST AND EAST CENTRAL NORTH DAKOTA.  
THIS AREA OF SNOW WAS 135 MILES WIDE...AND WAS LOCATED FROM 30 MILES NORTHWEST  
OF JAMESTOWN...AND EXTENDED TO BRAINERD.
```

Command: TFR

Purpose: The TFR command returns all the Temporary Flight Restrictions notams for one or more Airports/FIRs.

Syntax: TFR [-R<radius>] -L<lat/lon> | stn1...stnZ

Parameters:

- "- R<radius>" is used to specify the radius in nautical miles. The default is to return all TFRs within 60 nautical miles of the airport or Lat/Long position (i.e.: -R20 for 20 nautical miles).
- "- L<lat/lon>" is used to specify a specific latitude/longitude position (i.e.: -L 20n/060w).
- "stn1...stnZ" are the desired Airports/FIRs.

Error Messages:

- ❑ If an airport/FIR is not found in the system or is incorrectly entered, the following message will be displayed:

xxxx IS NOT A VALID STATION /FIR (xxxx is the airport/FIR)

- ❑ If no TFRs are found for an Airport or FIR, the following message(s) will be displayed:

NO FLIGHT RESTRICTIONS FOUND WITHIN 60.00 NM OF xxxx
NO FLIGHT RESTRICTIONS FOUND WITHIN FIR xxxx

Example:

User Input:

```
TFR KZDV
```

System Response:

```
1 flight restriction found within FIR kzdv  
  
KZDV 8/5185 - FDC CO.. FLIGHT RESTRICTION, 5 NM RADIUS OF  
DEN AIRPORT EFFECTIVE IMMEDIATELY UNTIL FURTHER NOTICE.  
PURSUANT TO 14 CFR SECTION 91.137(A)(2) TEMPORARY FLIGHT  
RESTRICTIONS ARE IN EFFECT WITHIN A 5 NAUTICAL MILE RADIUS OF  
395144N/1044003W OR THE DENVER /DEN/ VOR/DME 343.0 DEGREE RADIAL  
AT 3.0 NAUTICAL MILES AT AND BELOW FL180, EXCEPT THE DENVER  
INTERNATIONAL ARRIVALS AND DEPARTURES ARE EXEMPT FROM THIS FLIGHT  
RESTRICTION, TO PROVIDE A SAFE ENVIRONMENT FOR ACCIDENT  
INVESTIGATION. DENVER TRACON TELEPHONE 303-342-1590 IS IN CHARGE OF  
THE OPERATION. DENVER /ZDV/ ARTCC TELEPHONE 303-651-4248 IS THE  
FAA  
COORDINATION FACILITY.
```

User Input:

TFR -r100 KDEN

System Response:

1 flight restriction may come within 100.00 nm of kden

KZDV 8/5185 - FDC CO.. FLIGHT RESTRICTION, 5 NM RADIUS OF DEN AIRPORT EFFECTIVE IMMEDIATELY UNTIL FURTHER NOTICE. PURSUANT TO 14 CFR SECTION 91.137(A)(2) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT WITHIN A 5 NAUTICAL MILE RADIUS OF 395144N/1044003W OR THE DENVER /DEN/ VOR/DME 343.0 DEGREE RADIAL AT 3.0 NAUTICAL MILES AT AND BELOW FL180, EXCEPT THE DENVER INTERNATIONAL ARRIVALS AND DEPARTURES ARE EXEMPT FROM THIS FLIGHT RESTRICTION, TO PROVIDE A SAFE ENVIRONMENT FOR ACCIDENT INVESTIGATION. DENVER TRACON TELEPHONE 303-342-1590 IS IN CHARGE OF THE OPERATION. DENVER /ZDV/ ARTCC TELEPHONE 303-651-4248 IS THE FAA COORDINATION FACILITY.

User Input:

TFR -L 40N/105W

System Response:

1 flight restriction may come within 60.00 nm of 40.00 / 105.00

KZDV 8/5185 - FDC CO.. FLIGHT RESTRICTION, 5 NM RADIUS OF DEN AIRPORT EFFECTIVE IMMEDIATELY UNTIL FURTHER NOTICE. PURSUANT TO 14 CFR SECTION 91.137(A)(2) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT WITHIN A 5 NAUTICAL MILE RADIUS OF 395144N/1044003W OR THE DENVER /DEN/ VOR/DME 343.0 DEGREE RADIAL AT 3.0 NAUTICAL MILES AT AND BELOW FL180, EXCEPT THE DENVER INTERNATIONAL ARRIVALS AND DEPARTURES ARE EXEMPT FROM THIS FLIGHT RESTRICTION, TO PROVIDE A SAFE ENVIRONMENT FOR ACCIDENT INVESTIGATION. DENVER TRACON TELEPHONE 303-342-1590 IS IN CHARGE OF THE OPERATION. DENVER /ZDV/ ARTCC TELEPHONE 303-651-4248 IS THE FAA COORDINATION FACILITY.

Command: TRK

Purpose: The TRK command returns the Tracks for a selected Track Structure (ie: North Atlantic Tracks – NAT).

Syntax: TRK [-E | -W] structure_id | HELP

Parameters:

- "-E" is used to request eastbound tracks.
- "-W" is used to request westbound tracks.
- "structure_id" is the desired track structure (ie: NAT).
- "HELP" to display a list of available Track Structures.

Error Messages:

- ❑ If a structure_id is not found in the system or was incorrectly entered, the following message will be displayed:

INVALID TRACK STRUCTURE ID [xxx]

- ❑ If a structure_id is in the system but has no current track routes, the following message will be displayed. Please notify Skyplan if this message persists.

NO TRACKS CURRENTLY AVAILABLE

Example:

User Input:

```
TRK PAC
```

System Response:

```
-----  
PACIFIC TRACKS - EASTBOUND  
-----  
  
NO TRACKS CURRENTLY AVAILABLE  
  
-----  
PACIFIC TRACKS - WESTBOUND  
-----  
  
TRACK....: B  
WAYPOINTS: DANNO 28N170W 32N180E 34N170E 34N160E 34N150E MORAY  
WEST FL...: 290 310 330 350 370 390  
VALID....: 08/24-1900 TO 08/25-0800STR TO YAY 135.45  
  
...  
...  
...
```


User Input:

TRK -E NAT

System Response:

```
-----  
NORTH ATLANTIC TRACKS - EASTBOUND  
-----  
  
TRACK....: U  
WAYPOINTS: YAY HECKK 53N050W 54N040W 54N030W 54N020W DOGAL BABAN  
EAST FL...: 320 330 340 350 360 370 380 390 400  
ENTRY....: N125A N129B  
EXIT.....: EAST  
VALID....: 08/25-0100 TO 08/25-0800  
  
TRACK....: V  
WAYPOINTS: DOTTY CRONO 52N050W 53N040W 53N030W 53N020W MALOT BURAK  
EAST FL...: 320 330 340 350 360 370 380 390 400  
ENTRY....: N109B N113B N115B  
EXIT.....: EAST  
VALID....: 08/25-0100 TO 08/25-0800  
  
...  
...  
...  
  
TRACK....: Y  
WAYPOINTS: VIXUN LOGSU 49N050W 50N040W 50N030W 50N020W SOMAX KENUK  
EAST FL...: 320 330 340 350 360 370 380 390 400  
ENTRY....: N61B N67B  
EXIT.....: EAST  
VALID....: 08/25-0100 TO 08/25-0800  
  
TRACK....: Z  
WAYPOINTS: YYT NOVEP 48N050W 49N040W 49N030W 49N020W BEDRA GUNSO  
EAST FL...: 320 330 340 350 370 380 390 400  
ENTRY....: N51B N59A  
EXIT.....: EAST  
VALID....: 08/25-0100 TO 08/25-0800  
  
STRUCTURE COMMENTS:  
1.TRACK MESSAGE IDENTIFICATION NUMBER IS 237 AND OPERATORS ARE  
  REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC  
  CLEARANCE READ BACK.  
  TRACK MESSAGE IS AMENDED TO CHANGE NOTAM NUMBER IN NOTE 5.  
  TRACK MESSAGE IDENTIFICATION NUMBER REMAINS 237.  
2.CLEARANCE DELIVERY FREQUENCY ASSIGNMENTS FOR AIRCRAFT OPERATING  
  FROM MOATT TO BOBTU INCLUSIVE:  
  MOATT TO SCROD 128.7  
  OYSTR TO DOTTY 135.45  
  CYMON TO YQX 135.05  
  VIXUN TO YYT 128.45  
  COLOR TO BOBTU 119.42  
3.80 PERCENT OF GROSS NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT  
  PROCEDURES. ALWAYS CARRY OUT PROPER WAYPOINT CHECKS.  
4.OPERATORS SHOULD NOTE THAT NERS IDENTIFIER IS NOT TO BE INCLUDED  
  IN FIELD 15 OF THE FLIGHT PLAN UNDER ANY CIRCUMSTANCES.  
5.PERMANENT NAT FLIGHT PLANNING RESTRICTIONS IN FORCE FOR AIRCRAFT  
  TRANSITING BETWEEN NEW YORK OCEANIC AND CANADIAN DOMESTIC  
  AIRSPACE. REFER TO NOTAM CZQX A5922/05.  
6.ALL OPERATORS ARE REMINDED OF THE NECESSITY TO PROVIDE VOICE  
  REPORTS OF ANY OBSERVED NON ROUTINE WEATHER PHENOMENA.
```

Command: UA

Purpose: The UA command returns the latest Pilot/Aircraft (PIREP/AIREP) reports for the requested area.

Syntax: UA [-C hrs] area | stn | bulhdr [stn] | USA stn | FLT fltno | HELP

Parameters:

- "-C hrs" is used to display Pireps received in the last x hours (i.e.: -C 1 for last 1 hour).
- "area" is the area of concern (see HELP).
- "stn" is the Bulletin Reporting Station (i.e.: CYEG).
- "bulhdr" is the Bulletin Header Name (i.e.: UACN1).
- "USA" is the keyword used to retrieve specific US Airport pireps; stn is the 3-letter IATA airport code.
- "FLT" is the keyword used to retrieve specific flight reported pireps; fltno is the flight number.
- "HELP" to display detail information.

Error Messages:

- ❑ If the selection criteria is incorrect or no bulletin information is found in the weather system, one of the following messages will be displayed:

NO UA INFORMATION FOUND FOR: xxxx (xxxx is the requested UA)
ERROR: Missing SUB-AREA entry.... Request Cancelled.
ERROR: Missing Flight Number(s)entry.... Request Cancelled.

Example:

User Input:

UA AB

System Response:

```
-----  
PIREPS - ALBERTA  
-----  
---EG  
UA /OV YXD 270/30 1604 /TP C152 /RM IN WEST PRACTICE AREA: CAVOK  
VIA YEGFSS
```

Command: WA

Purpose: The WA command returns the latest Flight Advisory (AIRMET) reports for the requested area.

Syntax: WA [-C hrs] area | stn | bulhdr [stn] | HELP

Parameters:

- "-C hrs" is used to display Flight Advisories received in the last x hours (ie: -C 1 for last 1 hour).
- "area" is the area of concern (see HELP).
- "stn" is the Bulletin Reporting Station (i.e.: KSFO).
- "bulhdr" is the Bulletin Header Name (i.e.: WAUS1).
- "HELP" to display detail information.

Error Messages:

- If the selection criteria is incorrect or no bulletin information is found in the weather system, the following message will be displayed:

NO WA INFORMATION FOUND FOR: xxxx (xxxx is the requested WA)

Example:

User Input:

```
WA SFO
```

System Response:

```
-----
AIRMET - CONTINENTAL UNITED STATES (sfo)
-----
---WAUS1 KSFO 220414
WA6Z
SFOZ WA 220415 AMD
AIRMET ZULU UPDT 1 FOR ICE AND FRZLVL VALID UNTIL 220900
.
AIRMET ICE...WA OR...UPDT
FROM YDC TO DSD TO 50ESE OED TO 30S OED TO EUG TO 40E TOU TO BLI
TO YDC
OCNL MOD RIME/MXD ICGICIPBTN FRZLVL AND 150. FRZLVL 035-060.
CONDS CONTG BYD 09Z THRU 15Z.
...UPDT POINTS AND TOPS OF ICE CONDS...
.
AIRMET ICE...WA OR ID MT WY UT
FROM YQL TO LWT TO JAC TO 50NNW MTU TO SLC TO TWF TO LKV TO DSD
TO YDC TO YQL
OCNL MODRIME/MXD ICGICIP BTN FRZLVL AND FL200. FRZLVL SFC-070.
CONDS CONTG BYD 09Z SPRDG ACRS WRN AND S CNTRL WY BY 12Z. CONDS
CONTG THRU 15Z.
.
FRZLVL...WA...035-055 W OF CASCDS...040-055 CASCDS EWD AT 03Z.
030-040 W OFCASCDS...SFC-045 CASCDS EWD AT 09Z.
OR...050-070 AT 03Z. SFC-050 NRN CASCDS EWD...035-050
NRN 1/2 W OF CASCDS...050-060 SRN 1/2 OR AT 09Z.
NRN CA...055-070 NRN 1/2...070-100 SRN 1/2 THRUT THE PD.
CNTRL/SRN CA...095-110 THRUT THE PD.
```

Command: WS

Purpose: The WS command returns the latest Significant Weather (SIGMET) reports for the requested area.

Syntax: WS [-C hrs] area | [-CONV] fir | stn | bulhdr [stn] | HELP

Parameters:

- "-C hrs" is used to display Significant Weather received in the last x hours (i.e.: -C 1 for last 1 hour).
- "-CONV" includes convective sigmets
- "area" is the area of concern (see HELP).
- "fir" is the FIR ident (ie: CZEG)
- "stn" is the Bulletin Reporting Station (i.e.: CWEG).
- "bulhdr" is the Bulletin Header Name (i.e.: WSCN1).
- "HELP" to display detail information.

Error Messages:

- ❑ If the selection criteria is incorrect or no bulletin information is found in the weather system, the following message will be displayed:

NO WS INFORMATION FOUND FOR: xxxx (xxxx is the requested WS)

Example:

User Input:

```
WS CVWEST
```

System Response:

```
-----  
CONVECTIVE SIGMET - WESTERN U.S.  
-----  
***WSUS42 KMKC 231655  
  
MKCW WST 231655  
CONVECTIVE SIGMET...NONE  
  
OUTLOOK VALID 231855-232255  
TSTMS ARE NOT XPCD TO REQUIRE WST ISSUANCES.  
  
WEINRICH
```

Command: WW

Purpose: The WW command returns the latest Weather Warning reports for the requested area.

Syntax: WW [-C hrs] area | stn | bulhdr [stn] | HELP

Parameters:

- "-C hrs" is used to display Weather Warnings received in the last x hours (i.e.: -C 1 for last 1 hour).
- "area" is the area of concern (see HELP).
- "stn" is the Bulletin Reporting Station (i.e.: CWEG).
- "bulhdr" is the Bulletin Header Name (i.e.: WWCN01).
- "HELP" to display detail information.

Error Messages:

- If the selection criteria is incorrect or no bulletin information is found in the weather system, the following message will be displayed:

NO WW INFORMATION FOUND FOR: xxxx (xxxx is the requested WW)

Example:

User Input:

```
WW ON
```

```
System Response:
-----
WEATHER WARNING - ONTARIO
-----
***WWCN01 CWTO 230551

BULLETIN
SEVERE WEATHER WATCH NUMBER S093
ENVIRONMENT CANADA. TORONTO. ONTARIO.
01.55 AM EDT TUESDAY 23 JULY 1991

SEVERE THUNDERSTORM WATCH CANCELLED FOR THE REGIONS OF..

WINDSOR-ESSEX-KENT
..AND THE WATERS OF..
WESTERN LAKE ERIE.

THE THUNDERSTORM HAS WEAKENED. NO SEVERE STORM CHARACTERISTICS
WERE OBSERVED BUT WIND GUSTS TO 70 KM/H AND HEAVY RAIN WERE
REPORTED LOCALLY.
```