

INCIDENT ACTION PLAN

Be brief and concise with your entries

Location	Control Level	Operational Period
Bayou Corne Sink Hole	Company Supervisory	8/19/12 From 07:00 To 16:00

1.0 SITUATION Disease, community, environment PROMPTS: Weather, disease trends, Resources, Hazards & safety REFERENCE: Maps, weather reports, Sitreps, appreciation, warnings, alerts	CURRENT Rain @ 08:00
	PREDICTED 60% chance of rain with isolated thunderstorms
2.0 OBJECTIVES (or MISSION) PROMPTS: Time & space REFERENCE: Appreciation – control options, courses open to disease	CURRENT Gas monitors are set up for 24 hour monitoring. See attached for monitor positions. Also see attached for monitor result summary. Sink hole observation map. See attached. Assess the need for additional boom. Continue water sampling. Will continue with the de-con station located at the Bayou Corne boat launch and assess the need to continue next week.

	ALTERNATE
3.0 EXECUTION add safety information as appropriate	
GENERAL OUTLINE PROMPTS: Strategies & tactics (current/proposed/alternate) REFERENCE: Appreciation, Control Options	Safety Information: See Attached Safe Work Rules Reference IAP dated 8/9/12 Additional to our Safe Work Rules for this project we are adding the awareness of insects, reptiles and animals. Inspect location for flammability Daily Safety Meetings PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection.
GROUPINGS	NA
TASKS Including PR & Media	Same as above
COORDINATING INSTRUCTIONS PROMPTS: Timings, routes, assembly areas, staging areas	Texas Brine Grand Bayou Facility will be used as staging area.
4.0 ADMINISTRATION (Logistics support) PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
SUPPLY WHO, WHAT, WHERE, WHEN of resources not readily available	NA

GROUND SUPPORT Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance	NA
COMMUNICATIONS Installation, maintenance, technical advice	Cell Phone & Landline Communications: Kenneth Blanchard – Area Manager – 985- [REDACTED] 5- [REDACTED] kblanchard@texasbrine.com Scott Borne – Facility Manager – 985- [REDACTED] 5- [REDACTED] sborne@texasbrine.com Joel Miller, PE – Consultant – 337- [REDACTED] 7- [REDACTED].miller@cox- internet.com Bruce Martin – Operations/PR – 713- [REDACTED] 1- [REDACTED] bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – 713- [REDACTED] 1- [REDACTED] mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – 713- [REDACTED] 8- [REDACTED] swhitelaw@tum.com
STAGING AREA/ FCP Setting up, communications, staffing	Texas Brine Grand Bayou Facility 1301 Hwy 70 South, Belle Rose, La 70341
5.0 ADMINISTRATION (Logistics services) PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
FACILITIES Security, waste, cleaning	NA
CATERING	NA
OH&S/MEDICAL Medical plan, first aid plan	Call 911
FINANCE	NA
TRAVEL	NA
INDUCTION/ TRAINING	NA
ACCOMMODATION	NA

6.0 CONTROL, COORDINATION & COMMUNICATION	
CONTROL & COORDINATION STRUCTURE REFERENCE Structural Chart	Plant Management Supervision / Contractor Work
COORDINATION & LIAISON Local knowledge, police, agency reps, emergency mgt reps	NA
COMMUNICATIONS PROMPTS Communications structure, operational comms plan, information mgt	Plant Management – Contractor Communication via Cell Phone

EXTRAS	
Attachments PROMPTS:: maps, weather, organisational charts, resources, comms diagram	Site Map Current Weather Safe Work Rules Safety Training Log
Plan developers PROMPTS PO, Logs Mgr, Controller	NA
Approval Controller, Ops Director	TBC Company Rep: <i>Scott Bone</i> FOSC: SOSC: POSC:

INCIDENT BRIEFING

1. Incident Name
Grand Bayou Come Sink Hole

2. Date
8/19/2012

3. Time
07:00-18:00

4. Map Sketch**5. Current Organization**

Command
Bruce Martin

Safety Officer:
Liaison Officer or Agency Rep.
Information Officer:

Planning/Intelligence
Mark Cartwright

Operations
Ken Blanchard

Logistics
Scott Borne

Finance/Aministration
Becky Ladet

Div.

Div. Environmental
Scott Whitelaw

Div. Safety
Scott Whitelaw

Div. Security
Mike Kleinpeter

Air
Air Operations
Air Support
Air Attack
Air Tanker Coord,
Helicopter Coord.

6. Resources Summary					

[illegible]

7. Summary of Current Actions

Continuous air monitoring around the sink hole.

INCIDENT OBJECTIVES	1. Incident Name Bayou Corne Sink Hole	2. Date 8/19/12	3. Time 07:00
4. Operational Period 07:00 - 17:00 Every Day			
5. General Control Objectives for the Incident (include alternatives) Management Objectives Monitor air around sink hole for LEL, VOC, Oxygen, CO, and H2S Operational Objectives : Same as above			
6. Weather Forecast for Period			
7. General Safety Message			
8. Attachments (mark if attached)			
☐ Organization List - ICS 203 ☐ Medical Plan - ICS 206 ☐ (Other)			
☐ Div. Assignment Lists - ICS 204 ☐ Incident Map ☐			
☐ Communications Plan - ICS 205 ☐ Traffic Plan ☐			
9. Prepared by (Planning Section Chief)		10. Approved by (Incident Commander)	
INCIDENT OBJECTIVES	1. Incident Name Bayou Corne Sink Hole	2. Date 8/19/12	3. Time 07:00

4. Operational Period

07:00 - 17:00 Every Day

5. General Control Objectives for the Incident (include alternatives)

Management Objectives

Monitor air around sink hole for LEL, VOC, Oxygen, CO, and H2S

Operational Objectives :

Same as above

6. Weather Forecast for Period

7. General Safety Message

8. Attachments (mark if attached)

- | | | |
|--|---|----------------------------------|
| ☐ Organization List - ICS 203 | ☐ Medical Plan - ICS 206 | ☐ (Other) |
| ☐ Div. Assignment Lists - ICS 204 | ☐ Incident Map | ☐ |
| ☐ Communications Plan - ICS 205 | ☐ Traffic Plan | ☐ |

9. Prepared by (Planning Section Chief)

10. Approved by (Incident Commander)

ORGANIZATION ASSIGNMENT LIST

1. Incident Name

Bayou Corne Sink Hole

2. Date

8/19/12

3. Time

06:00 - 18:00

4. Operational Period

Everyday

Position

Name

5. Incident Commander and Command Staff

Incident Commander

Mark Cartwright

Deputy

Kenneth Blanchard

Safety Officer

Scott Whitelaw

Information Officer

Bruce Martin

Liaison Officer

Scott Borne

6. Agency Representative

Agency

Name

7. Planning/Intelligence Section

Plans/Intel Chief

Deputy

Resources Unit

Situation Unit

Documentation Unit

Demobilization Unit

Technical Specialists

Human Resources

Training

GIS

8. Logistics Section

Logistics Chief

Deputy

Supply Unit

Facilities Unit

Ground Support Unit

Communications Unit

Medical Unit

Food Unit

MS 203

Operations Section

Op's Chief

Deputy

a. Branch I

Branch Director

Deputy

Division/Group

Division/Group

Division/Group

Division/Group

Division/Group

Staging Area

b. Branch II

Branch Director

Deputy

Division/Group

Division/Group

Division/Group

Division/Group

Division/Group

Staging Area

c. Branch III

Branch Director

Deputy

Division/Group

Division/Group

Division/Group

Division/Group

Division/Group

d. Air Operations Branch

Air Operations Branch Director

Air Tactical Supervisor

Air Support Supervisor

Helicopter Coordinator

Air Tanker Coordinator

10. Finance/Administration Section

Finance/Admin. Chief

Deputy

Time Unit

Procurement Unit

Compensation/Claims Unit

Cost Unit

TEXAS BRINE COMPANY, LLC AND AFFILIATED COMPANIES

Safe Work Practices

UNDERGROUND
STORAGE, LLC

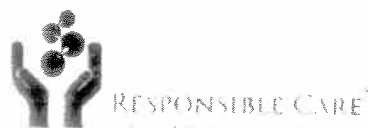


UNITEDBRINE
PIPELINE COMPANY

UNITEDBRINE
PIPELINE COMPANY

TEXAS BRINE COMPANY, LLC

UNDERGROUND
SERVICES MARKHAM, LLC



American
Chemistry
Council

MILLER ENGINEERS & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
FRANKLIN, LA

OXY #5 MONUMENT

1" = 400'

NOTE:

PROPERTY & LEASE LINES ARE APPROXIMATE ONLY.
THIS SKETCH DOES NOT REPRESENT A PROPERTY
BOUNDARY SURVEY.

OXY #4 MONUMENT

APPROX. EDGE
OF SLURRY PIT
8/4/12

TB
WATER SAMPLES

WELL 1

TANK "W"

TANK "E"

WATER WELL 1

T.B.M. 3A

T.B.M. 1

WATER WELL 5

WATER WELL 2

T.B.M. 3C

WELL 3

T.B.M. 3

WELL 2

T.B.M. 2

T.B.M. 3B

TBC LEASE LINE

WELL 9

GPS BASE

WELL 10

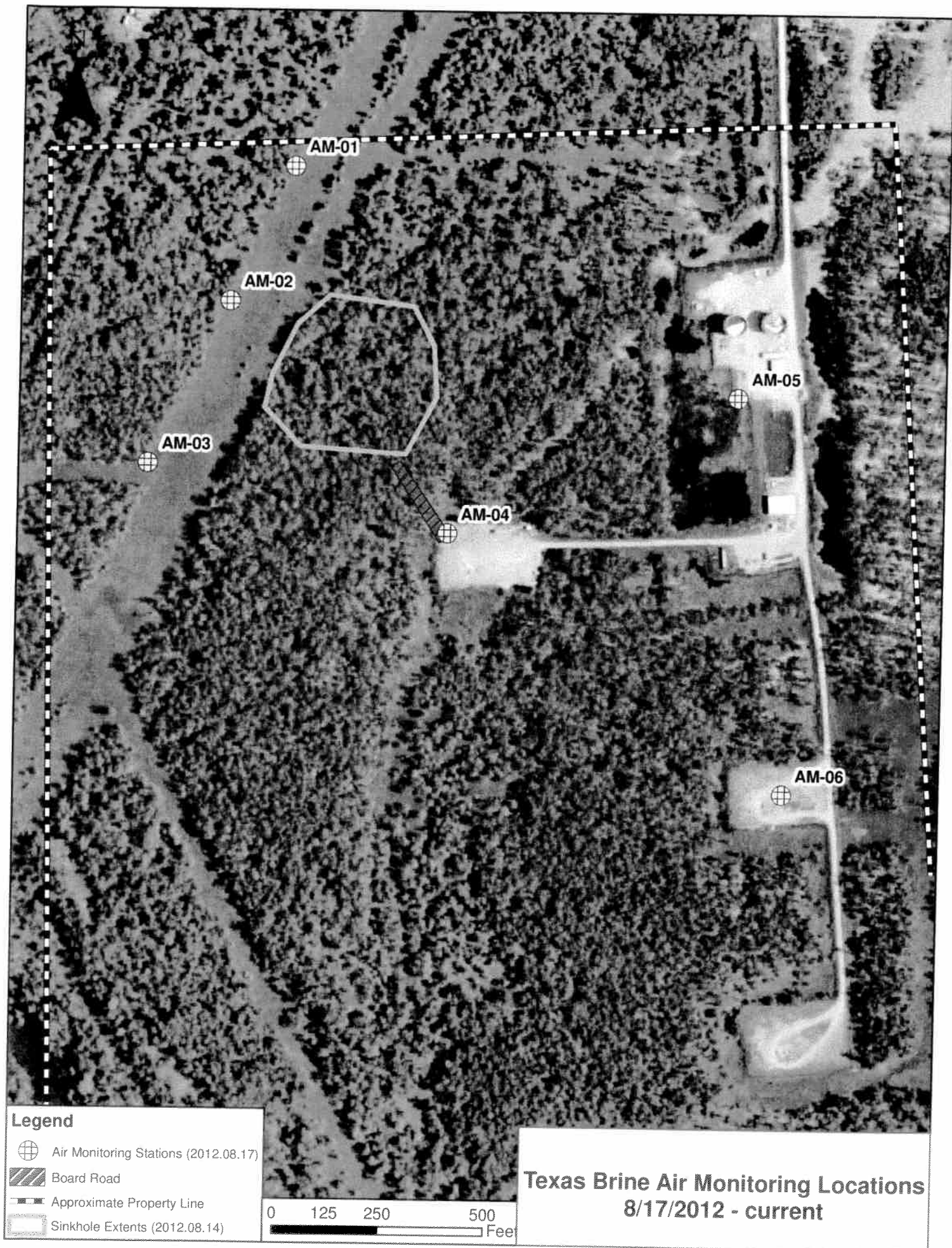
REFERENCE PT.

OXY GPS #4

T.B.M. 4

T.B.M. 5

T.B.M. 6



Texas Brine - Belle Rose, Louisiana
Preliminary Air Monitoring Data

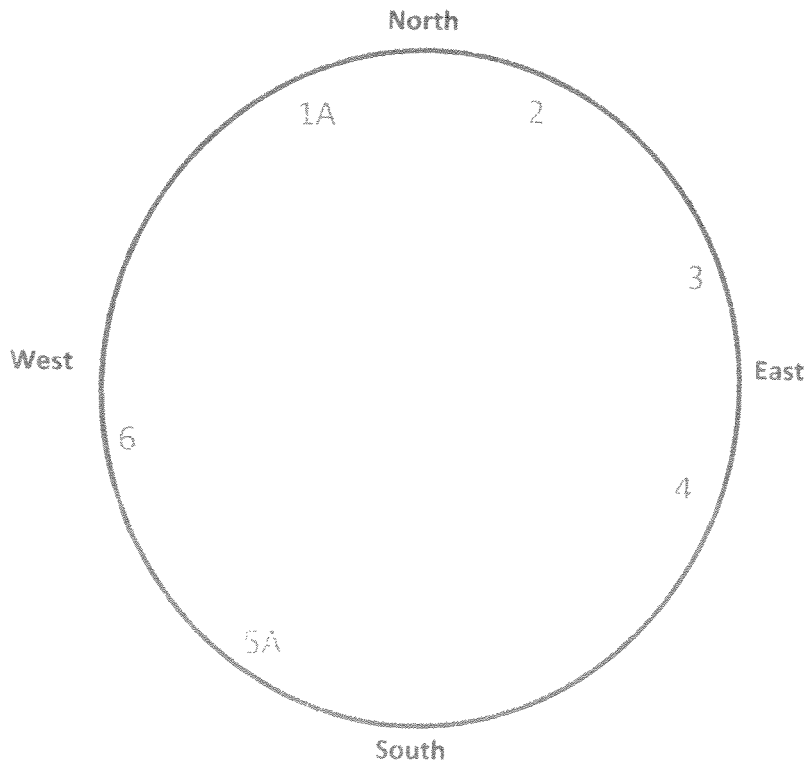
August 18, 2012

Station	Sampler	TWA - PPMv			STEL - PPMv		
		VOC	CO	H2S	VOC	CO	H2S
AM-1	RTU-8	0.4	0.0	0.0	1.9	0.0	0.0
AM-2	RTU-6	0.1	0.0	0.0	0.0	0.0	0.0
AM-3	RTU-5	0.4	0.0	0.0	0.0	0.0	0.0
AM-4	RTU-1	0.0	0.0	0.0	0.0	0.0	0.0
AM-5	RTU-4	0.0	0.0	0.0	0.0	0.0	0.0
WH-1	RTU-3	2.5	0.0	0.0	0.0	0.0	0.0

Bayou Corne Sinkhole

Date and Time: 8/18/12 - 8/19/12

	Time 7:00 p.m.	Time 10:00 p.m.	Time 1:00 a.m.	Time 4:00 a.m.
Tree 1	OK	OK	OK	OK
Tree 2	✓	✓	✓	✓
Tree 3	✓	✓	✓	✓
Tree 4	✓	✓	✓	✓
Tree 5	✓	✓	✓	✓
Tree 6	✓	✓	✓	✓



NOTE: Coordinates for each tree are forth coming.

By: Mark R. Hual

73°F

Belle Rose, Louisiana

Enter City, State, Country or U.S. Zip code or Airport Id

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Belle Rose, Louisiana

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Current Conditions - °F | °C

As of 7:24 AM on Sunday 19 Aug 2012 (Local Time) from KBTR Reporting Station

Broken Clouds

73°F

Feels Like: 73°

Wind Chill:	73°	Ceiling:	4800
Heat Index:	73°	Visibility:	10mi
Dew Point:	72°	Wind:	0mph
Humidity:	94%	Direction:	NA NA
Pressure:	29.91"	Gusts:	NA

Report Text: KBTR 191224Z 00000KT 10SM SCT017 BKN048
BKN060 23/22 A2991 RMK AO2

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48 Hours · 14 Days](#)

Today's Forecast

8 AM  **77°**
Sct T-Storms

9 AM  **79°**
Sct T-Storms

10 AM  **81°**
Sct T-Storms

Local Information


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Tropical Depression Helene

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10 Day Forecast - °F | °C

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sun		mon		tue		wed		thu		fri		sat		sun		mon		tue	
aug	19	aug	20	aug	21	aug	22	aug	23	aug	24	aug	25	aug	26	aug	27	aug	28
																			
Sct T-Storms		Iso T-Storms		P Cloudy		Iso T-Storms		Iso T-Storms		Sct T-Storms		Sct T-Storms		Iso T-Storms		Sct T-Storms		Sct T-Storms	
86° 73°		88° 71°		89° 73°		87° 73°		86° 74°		86° 74°		87° 75°		89° 75°		89° 75°		88° 74°	

Details for Sunday, August 19

Scattered showers and thunderstorms. High 86F. Winds WSW at 5 to 10 mph. Chance of rain 60%.

Evening: Scattered thunderstorms. Low 73F. Winds light and variable. Chance of rain 50%.

UV Index: 7 (High)

Relative Humidity: 76%

Precipitation: 60%

Snow: 0%

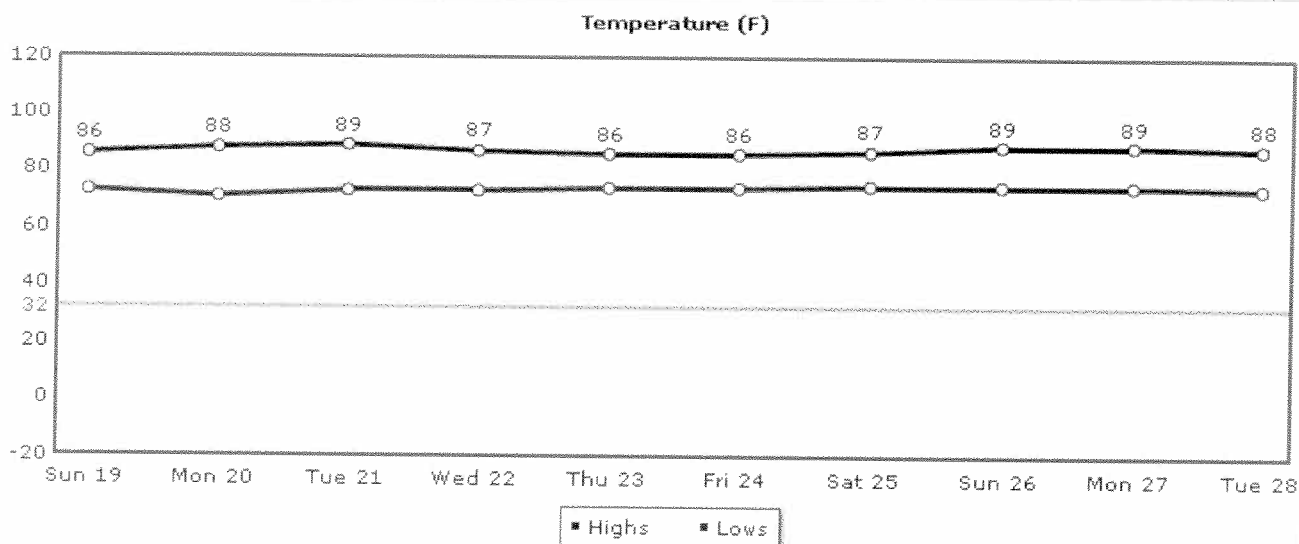
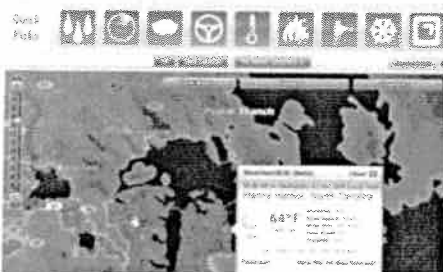
Cloud Coverage: 81%

Sunrise: 6:34 AM**Sunset:** 7:41 PM**Moonrise:** 8:34 AM**Moonset:** 8:47 PM**Moonphase:**

Waxing Crescent

**Direction:** WSW (255°)**Speed:** 7Mph(11Km, 6Kts)**Daily Forecast Chart**

Chart Options: Temperature ▾


[Temperature](#)
[UV Index](#)
[Relative Humidity](#)
[Precipitation](#)
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