DuPage County Flood Control Operations
Countywide Stormwater Facilities
Rainfall Data

- Event Comparison

September 2008

~7.5-9.0”

July 2010

~6.5-7.5”
Salt Creek Stream Gages

- USGS Stream Gage Location
- DuPage County Stream Gage Location
- DuPage & USGS Stream Gage Location
Hydrograph Comparisons
-Salt Creek at Irving Park Road

September 2008

July 2010
Hydrograph Comparisons
-Salt Creek at Prairie Path

September 2008

July 2010
Public Notification

• Community Notification
  ➢ Cooperation with OEM on Public Notification
  ➢ Communication with Municipalities on operational decisions

• Webpage Updates
  ➢ Posting Operational Decisions
  ➢ New DPC Web Format – Spring 2011

• After Flood Reports
  ➢ Submitted to Communities & OEM
Overview

Thank you for visiting Stormwater Management's rain and stream gage site. These pages provide access to real-time water resource data collected throughout the county. There are currently 86 rain and 25 active stream gages throughout DuPage County. Each gage typically records at 15 to 60 minute intervals and then results are transmitted back to data stores located on-site. These recording and transmission times may be more frequent during critical events or when otherwise necessary.

USGS Cooperation

DuPage County works together with the United States Geological Survey to provide real-time data. Many of the precipitation and stream gages within DuPage County are monitored by the USGS. Real-time data is transmitted from a USGS recording location to the County where it's presented on the following webpages.

Click here to view (by county) all gages monitored by the USGS.

Watershed Selection

Please use the following drop down menu to select a specific DuPage County watershed. Detailed information regarding your selected watershed will be displayed after the jump. To the right is a reference map of DuPage County and the major watersheds that are located within. The Fox and DuPage River watersheds have been grouped together with the West Branch DuPage River while Des Plaines River and Sawmill Creek have been added to Salt Creek.

Choose a Watershed

Flood Control Facilities

Please use the following drop down menu to select a specific flood control facility. Detailed information regarding your selected facility will be displayed after the jump.

Choose a Facility

Provisional Data

Data provided herein -- including stream and precipitation levels -- are preliminary and have not received final approval. Most data relayed by satellite or other telemetry have received little to no review. Inaccuracies in the data may be present because of instrument malfunctions or physical changes at the gage location.

Data users are cautioned to consider the provisional nature of the information. Information concerning the accuracy and appropriate use of these data may be obtained from contacting the division manager.
Salt Creek Webpage

- Facilities
- Cameras
  - At Facilities
  - Along Salt Creek
- Rain Gages
- Stream Gages (SCADA)
  - Diversion Structure (EQ)
  - Harger Road
  - Irving Park Road
- Forecast Discussion
  - Updated by Staff

Salt Creek Watershed Map

To view a flood control facility select by using the drop down menu or by clicking on a blue icon in the map below.

choose a Facility

Table 1: Rain Gages

<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>RO15 - ORH Airport</td>
<td>0.00</td>
</tr>
<tr>
<td>RO12 - DFC Mahomet Rainfall</td>
<td>0.00</td>
</tr>
<tr>
<td>RO14 - Eleventh Quarry Rain Level</td>
<td>0.00</td>
</tr>
<tr>
<td>RO16 - Argonne Lake Rain Level</td>
<td>0.00</td>
</tr>
<tr>
<td>RO20 - Addison Treemeadow Plant</td>
<td>0.00</td>
</tr>
<tr>
<td>RO39 - Wood Dale Treatment</td>
<td>0.00</td>
</tr>
<tr>
<td>RO45 - DuSable Woods Rain Level</td>
<td>0.00</td>
</tr>
<tr>
<td>RO60 - Lake St. Reservoir Rain Level</td>
<td>0.00</td>
</tr>
<tr>
<td>RO64 - One Brook Rain Level</td>
<td>0.00</td>
</tr>
<tr>
<td>RO70 - Schaumburg Public Works</td>
<td>0.00</td>
</tr>
<tr>
<td>RO85 - Westmont Wedge Tower</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Table 2: Stream Gages

<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO4 - Diversion Structure</td>
<td>0.01</td>
</tr>
<tr>
<td>SO3 - Harger Road</td>
<td>0.01</td>
</tr>
<tr>
<td>SO2 - Irving Park Road</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Table 3: USGS Miscellaneous Stream Gages

<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO2 - Salt Creek at Wood Dale</td>
<td>0.01</td>
</tr>
<tr>
<td>SO4 - Salt Creek at Fillmore</td>
<td>0.01</td>
</tr>
<tr>
<td>SO5 - Salt Creek at 22nd Street in Oak Brook</td>
<td>0.01</td>
</tr>
<tr>
<td>SO11 - Salt Creek near Eb Grove Village</td>
<td>0.01</td>
</tr>
<tr>
<td>SO14 - Salt Creek Western Springs</td>
<td>0.01</td>
</tr>
<tr>
<td>SO16 - F一点都不完整</td>
<td>0.01</td>
</tr>
<tr>
<td>SO19 - Grafton Creek near Luray</td>
<td>0.01</td>
</tr>
</tbody>
</table>

**Disclaimer:** Click on stream gages to see further information, please note this will open a new browser window and take you away from the DuPage County website.

Flood Forecast Discussion
Elmhurst Quarry
Elmhurst Quarry – Diversion Structure
Elmhurst Quarry
Fixed Weir Overtopping

September 2008

July 2010
Elmhurst Quarry Page

Elmhurst Quarry is a 300-acre open-pit coal mine located in Elmhurst, Illinois. The mine produces a variety of products, including coal, limestone, and sand. The mine is operated by the Elmhurst Quarry Company, a subsidiary of the largest mining company in the United States.

The mine is divided into two main areas, the East Lobe and the West Lobe. The East Lobe is primarily used for coal mining, while the West Lobe is used for limestone and sand mining. The mine is equipped with state-of-the-art equipment and technology to ensure efficient and safe operations.

Facility Tour

This tour will guide you through the various sections of the Elmhurst Quarry and provide you with a comprehensive understanding of the mining processes involved. You will be able to see the various machines and equipment used in the mining process, as well as learn about the safety measures in place.

(Click location to receive more detailed information and a photo. Highlighted locations still to come.)

Cameras

Please use the drop-down menu to visit one of our six live web cameras located throughout the Elmhurst Quarry property.

- Please refresh webpage if camera image does not display after selection.

This camera rotates between two images; one image shows a close-up view of the coal stockpile. When Salt Creek elevations reach 80% of the location reach, water will begin to spill over the coal stockpile, and the other image shows a general view of the quarry.

This camera rotates between two images; the first image shows the spillway water entering the west lobe. During operation, water will exit through the spillway.

This camera shows a view of the Harper Road stream gage which is located in Coalbrook downstream of the quarry. When Salt Creek elevations reach 85% streamwater will trigger unsure alert operations at the Elmhurst Quarry.
Wood Dale-Itasca Reservoir
Facilities
Cameras
Rain Gages
Stream Gages (SCADA)
  - Fawell Dam
  - Naperville River Walk
  - USGS Gages
Fawell Page

Fawell Dam

The Fawell Dam is located on the West Branch of the DuPage River in the unincorporated forest preserves of the county of DuPage. It was constructed between 1956 and 1957 by the DuPage County Department of Water Resources. The purpose of the dam is to store floodwaters of the West Branch and elsewhere, and to provide water for irrigation and industrial uses. The Fawell Dam was designed and constructed by the Corps of Engineers.

Current Operating Conditions

<table>
<thead>
<tr>
<th>Gate Status</th>
<th>Elev.</th>
<th>Flow Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gates 1</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Gates 2</td>
<td>0.20</td>
<td>0.00</td>
</tr>
<tr>
<td>Gates 3</td>
<td>0.20</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Water Surface Elevations

<table>
<thead>
<tr>
<th>Description</th>
<th>Elev.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Level</td>
<td>0.00</td>
</tr>
<tr>
<td>Stream Level</td>
<td>0.20</td>
</tr>
<tr>
<td>Raisin Level</td>
<td>0.40</td>
</tr>
</tbody>
</table>

Fawell Dam Operating Plan

<table>
<thead>
<tr>
<th>Water Surface Elev.</th>
<th>Percent Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>0%</td>
</tr>
<tr>
<td>0.20</td>
<td>50%</td>
</tr>
<tr>
<td>0.40</td>
<td>100%</td>
</tr>
</tbody>
</table>

Facility Tour

To view picture tour click here.
GenScn - Salt Creek Watershed
Near real-time system for flood-control purposes
Flood Forecast Simulation
Irving Park Road

NOTE: Simulated results tend to be late and high.
Peak is 677.38 at 1548 est 05/14/10

WATER-SURFACE ELEVATION
AT IRVING PARK ROAD (U204)
AT WOOD DALE, ILLINOIS
http://www.co.dupage.il.us/

- New webpage is scheduled to be live later this spring.

• Questions?