

CITY OF WOODINVILLE

SITUATION REPORT #2

Wind Storm/Power Outage

December 14-22, 2006

(presented to the City Council on January 16, 2007)

Day 1- THURSDAY, DECEMBER 14, 2006

- National Weather Service weather alerts
 - High Wind Advisory
 - Urban & Small Stream Flood Advisory
 - Flood Watch
- Fire Department staff an additional engine company and Battalion Chief at noon due to weather forecast.
 - Initiated auxiliary power at all stations in anticipation of storm
- Emergency Operations Center (EOC) activated to monitor weather. (4 p.m.)
- City Public Works Maintenance crews and public safety personnel on duty through the night.
- Building inspections conducted.
- Flash flood areas. Roads closed by 6 p.m.
 - 131st/RR trestle closed by Fire Dept. at 4:45 p.m. (opened 12/14/06,7:30 p.m.)
 - 133rd Ave/171st (So. Bypass) (opened 12/14/06,7:30 p.m.)
 - Wood-Sno Rd/190th (opened 12/14/06,7:30 p.m.)
 - 124th Ave from Woodinville Drive to 169th (opened 12/15/06, 6 p.m.)
 - Northbound lane 132nd (opened 12/20/06)
 - Flooding on industrial property, SR202/Wood-Red Rd (all roads passable)
- City contact with King County Emg. Coordination Center (KCECC), also monitoring (6 p.m.)
- KC closes NE 165th between Avondale Rd & 175th Ave NE (12/14/06) Water over roadway.
- Public Works maintenance dispatch calls (from KC Sheriff's Office) temporarily forwarded to City Hall
- Public Information:
 - Website and 1610 AM Radio Station Update: Weather warnings, road closures

Day 2 - FRIDAY, DECEMBER 15, 2006

- Problem areas in early morning
 - "Winery Hill" (145th/143rd/132nd) impassable
- EOC Briefing (7:30 a.m., 12 p.m.)
 - EOC closed 7 p.m.
- City Hall & CE Center out of power
 - City Hall operating on generator
 - Several power surges throughout the day
 - Nextel phones not operational (police-fire-city). Used 800Mhz
 - City land lines working
 - Info desk/phone staffed

- Staff Briefing/Assignments: Damage Assessment, Road Maintenance, Standby Shelter Set Up, Public Information
 - Limited staff reported in (about ½ of full force)
 - Building inspections conducted
- Public Works, Police & Fire conducting windshield surveys
- Building inspectors conducted damage assessments of homes, made contact with owners
- PW closed roads for downed trees & power lines
 - PW removing trees not on power lines
- Fire Dept HQ out of power; on generator (all 4 stations working on generator power)
 - Continued to staff additional engine company
- Mayor issues proclamation declaring local emergency
- Governor declares State of Emergency for several counties, including King & Snohomish
- KC Executive declares emergency
- Phone call from PSE Community Relations Rep (9 p.m.). Email to council.
- Standby Shelter @ City Hall.
 - No requests. Closed 10 p.m.
- Public Information
 - City News Releases:
 - #1, 10 a.m., “EOC Monitoring Storm Incidents”
 - #2, 2 p.m., “City Declares Local Emergency, Standby Shelter Ready”
 - #3, 4 p.m., “Most Arterials Open, W-D Has Danger Spots”
 - #4, 6 p.m., “124th Ave Open”

Day 3 - SATURDAY, DECEMBER 16, 2006

- Public Works responding to dispatched (KCSO) calls, conducted city-wide “drive through”
- Public Information:
 - Information monitoring; other jurisdictions
 - Safety Tips Flyer distributed to downtown gas stations, McLendon’s, grocery stores
 - News Releases:
 - #5, 11:30 a.m., “Limited Power Restored to Downtown”
 - 1610 AM and After Hours Info Line updated

Day 4 - SUNDAY, DECEMBER 17, 2006

- Contact from KC ECC, shelter request. (early a.m.)
 - Shelter opened at Carol Edwards Center, 3 p.m.
 - Lead Department: Recreation division of the Parks & Rec department
 - Public Information:
 - Radio interviews on KOMO & KIRO
 - Flyer distributed by Fire Department & Police
 - 20-25 dinner
 - 10 clients overnight
 - Donations: Cottage Lake Safeway, Kirkland Costco, Woodinville Target
 - Support: Woodinville Fire Dept – cooks/chefs

- Contact with PSE representative at KCECC & PSE Community Relations Rep
 - Woodinville served by 4 different transmission lines; all down
 - Lines are located in heavily wooded areas and damaged extensively by fallen trees & limbs
 - Crews working to repair the lines which are the backbone of the electric system
 - Once the transmission lines are repaired, work can begin on feeder distribution system to restore power to the area.
- Public Information:
 - News Releases
 - #6, 1:15 p.m., “Woodinville Opens Shelter”
 - #7, 8:30 p.m., “PSE Advises Status of Woodinville Outage”
 - 24-Hour Info Line and 1610 AM Radio Station updates:
 - #1, 2:30 p.m.: shelter opens @ 3 p.m., call 911 for emergencies only, stay off roads, safety tips (no power to CE Center, station not broadcasting)
 - #2, 8:45 p.m.: PSE update

Day 5 - MONDAY, DECEMBER 18, 2006

- Shelter rec'd call requesting Fire Dept. to check Wells Wood housing
 - Windshield survey & contact with several residents who were outside. Advised shelter is open (flyer). No assistance requested. No power.
- Trees over Woodinville-Duvall Rd
 - 2 trees over roadway between 165th and 167th (city limits)
 - Trees over roadway between 168th and 171st (county)
- Trees over roadway around Lake Leota (160th & 167th) (city limits)
 - PW closing roads, seeking detour routes
- Emergency Shelter
 - 22 breakfast
 - 10 lunch
 - 23 dinner
 - 11 overnight guests
 - Shifts (3p-11p, 11p-7a, 7a-3p)
 - City staff/shelter trained as coordinators. 1/shift
 - City staff assigned to phone & shelter duties. Currently have gaps to fill.
 - CEC classes & programs continuing to the extent possible
 - Volunteers supporting registration, food prep, food service, food donation
- Power Restoration
 - Restoration efforts to continue into the week, perhaps Friday or Saturday
- More than 40 roads in King County Closed
 - Wood-Duvall Rd between Avondale & West Snoqualmie Valley Rd NE closed yesterday; expected to be closed next few days.
- Update to City Council (SitRep #1)

Day 6 - TUESDAY, DECEMBER 19, 2006

- Rec'd call from KCECC RE: Register volunteers as emergency workers per state law
- EOC Briefing: Fire Dept to conduct windshield surveys to identify road blocks, wires down, non-working intersections
 - Two residents found to be using generators inside garages. Improper used corrected.
- Created "Storm Safety Information" Flyer
- City Manager + Public Works Director met with PSE Community Relations representative
- KCECC advises residents at Greenbrier Senior Housing refusing help and Golden Hearth Resident Care may need assistance. Fire Dept. to conduct check
 - Both premises checked by engine companies. No assistance necessary.
- Fire Dept. windshield survey of Wells Wood housing complex conducted in early evening. Spoke with residents. No assistance requested. No power.
- Emergency Shelter stats
 - 14 breakfast
 - 8 lunch
 - 22 dinner
 - 10 overnight guests

Day 7 - WEDNESDAY, DECEMBER 20, 2006

- Emergency Shelter stats
 - 5 breakfast
 - 8 lunch
- Public Information:
 - Flyer Distribution by Fire Dept. CERT and NEVAC students
 - Carbon Monoxide Warning flyers (English & Spanish) + "Storm Safety Information)
 - Flyers distributed to gas stations, coffee/espresso shops
 - 1,000 flyers distributed in 3 hours
 - News Releases
 - #8, 1 p.m.: City to Host Storm Debris Recycling Events
 - #9, 4 p.m.: Shelter Closes
 - After Hours Line & 1610 Radio Station updates
 - #1, 1 a.m.: City to assess shelter needs
 - #2, 6 p.m.: shelter closed, PSE update, report structural damage to KC Hotline, weather front tonight

Day 8 - THURSDAY, DECEMBER 21, 2006

- Courtesy call from Governor's Office RE: Governor + KC Executive + PSE CEO to visit Woodinville area (county).
 - Tour coordinated by King County Public Works
 - Media calls referred to KC Councilmember Lambert's Office
- Resident of "The Wedge" reported power outage
 - Call referred to PSE Community Relations Representative

Day 9 - FRIDAY, DECEMBER 22, 2006

- Public Information:
 - 24-Hour Info Line, 1610 AM Station and website updated: city recycling events, 12/23 KC recycling event, report damage to KC Hotline, Wood-Duvall Rd opened (4 p.m.)

OVERALL STATISTICS

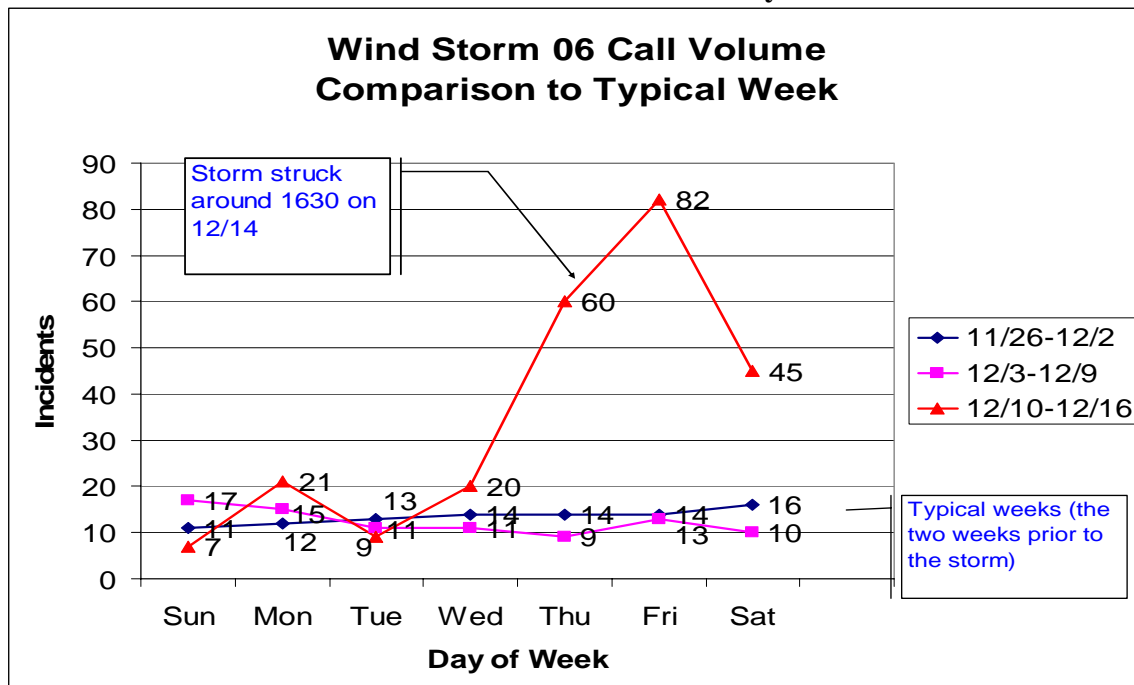
City Staff

- 43 employees reported 12/15
- PW maintenance crews on 12-hour shifts; 3 crew members
 - Support from other departments

Fire Department

- 24-hour call reporting period
- Average call for December weekday = 14
- Thursday, 12/14/06 = 60 service calls
 - 61 calls between 5 p.m. 12/14 to 5 a.m. 12/15
 - 24 calls placed in queue and handled later due to safety concerns.
 - 17 calls were “tree hits house” calls.
- 12/15/06 = 82 service calls
- 12/16/06 = 45 service calls

Woodinville Fire & Life Safety District



City Shelter Operations

- 21 volunteers contributed 70.25 hours
- 335 staff hours to support shelter set up, operation and take down

City Development Services

- Building inspections completed throughout storm event
- Two damage related permits applied

City Communications

- 9 News Releases
 - Posted to city web & Regional Public Information Network (www.rpin.org)
 - Email & fax to media
- Ongoing updates to 24-hour information line
- Ongoing updates to 1610 AM Radio station
- “Storm Safety Tips,” “Shelter Open” and carbon monoxide poisoning prevention flyers

King County Damage Reporting

- Individual Assistance (homes & businesses)
 - 580 calls logged
 - Structural damage = \$14.6 million
 - Personal property damage = \$2.3 million
- Public Assistance (public infrastructure)
 - \$28.5 million reported
 - \$4.9 million threshold for presidential declaration

LESSONS LEARNED

- There was effective coordination between City, Police and Fire Department operations and public information
 - Better coordination needed with Puget Sound Energy
 - Improve phone communications (Nextel service not working due to power outage)
 - Create and monitor public works maintenance request dedicated phone line
- There was effective public information for a small city organization.
 - Enhance efforts with pre-established community information centers to distribute information
 - Use Fire Stations, public buildings and grocery stores/gas stations
- There was effective shelter operations capabilities (city pre-purchased supplies)
 - Identify possible pet shelters
 - More staff training as shelter managers and food handlers permit
- Need to enhance public education efforts for disaster preparedness
 - Workshops, publications (multilingual), neighborhood outreach and special events
- Need to learn more about the role of Public Health with senior/assisted living centers