

Infrastructure Initial Damage Assessment



How we get a Public Assistance Declaration(usually)



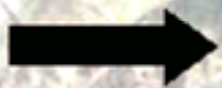
Disaster Strikes

Step 1.



Initial Damage Assessment (IDA) Report damages to Local Emergency Manager (EM).

Step 2.



Local county EM compiles all IDAs and submits to OEM. OEM reviews, and makes recommendation to Governor.

Step 3.

Governor request Federal Assistance

Step 4.



Preliminary Damage Assessment (PDA) is a Joint FEMA/State effort to evaluate damage with local representatives.

Step 5.



FEMA reviews PDA evaluating **Severity, Magnitude,** and **Impact.** FEMA makes recommendation to President.

Step 6.
DECLARATION



Initial Damage Assessment (IDA) Public Infrastructure (IS)

Infrastructure Data Forms

- Public works
- Private nonprofits (utilities, hospitals, schools)
- Special districts (Irrigation, school, utilities)
- State agencies
- Local governments
- Tribal governments

County Summary Form

- Local Emergency Manager or his/her designee
- State agency (not including universities or colleges)
- Tribal governments

OREGON EMERGENCY MANAGEMENT

INFRASTRUCTURE (PUBLIC ASSISTANCE) INITIAL DAMAGE ASSESSMENT DATA COLLECTION FORM

NAME OF PUBLIC (GOVERNMENT) OR PRIVATE NONPROFIT AGENCY: _____ COUNTY: _____

(List damage and emergency response costs for only one agency on each form. Use more than one form per agency if necessary. Only certain private nonprofits should be included on this form. Additional instructions for this form may be found on the reverse side.)

Category	Brief Description of Damage or Cost	Location	Estimated Cost	Comments

Inspector's Name:	How to contact:	Date:	4
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Initial Damage Assessment (IDA) Infrastructure (IS) by category

- **Category A** Debris Removal
- **Category B** Emergency Protective Measures
- * ***Cat A & B, OT labor only if using own work force (Force Account)***
- **Category C** Roads and Bridges
- **Category D** Water Control Facilities
- **Category E** Buildings and Contents
- **Category F** Utilities
- **Category G** Parks and Other

	A	B	D	E	F	H	I	J	K	L	M	N
1	OREGON EMERGENCY MANAGEMENT											
2	INFRASTRUCTURE (PUBLIC ASSISTANCE) INITIAL DAMAGE ASSESSMENT FIELD DATA COLLECTION FORM											
3												
4	NAME OF PUBLIC (GOVERNMENT) OR PRIVATE NONPROFIT <u>City of Estacada</u>						COUNTY: <u>Clackamas County</u>					
5												
6	<i>(List damage and emergency response costs for only one agency on each form. Use more than one form per agency if necessary. Only certain private nonprofits should be included on this form. Additional instructions for this form on reverse side.)</i>											
7												
8												
9	Catego	Brief Description of Damage or Cost				Location		Estimated Cos		Comments (Impacts)		
10	A	DEBRIS REMOVAL FROM STORM DRAIN SYSTEM TO PREVENT OVERFLOW EVENTS / FUELED EMERGENCY GENERATORS AND PUMPS				ALL LIFT STATIONS / STORM DRAIN COLLECTION SYSTEM		\$360.63		EMPLOYEE HOURS		
11	A	DEBRIS REMOVAL FROM STORM DRAIN SYSTEM AT WADE CREEK POND / DEBRIS REMOVAL FROM STORM DRAIN SYSTEM TO PREVENT OVERFLOW EVENTS / FUELED EMERGENCY GENERATORS AND PUMPS				WADE CREEK POND / ALL LIFT STATIONS / STORM DRAIN COLLECTION SYSTEM		\$2,049.71		EMPLOYEE HOURS		
12	A	DEBRIS REMOVAL FROM STORM DRAIN SYSTEM				WADE CREEK POND		\$309.87		EMPLOYEE HOURS		
13	A	DEBRIS REMOVAL FROM STORM DRAIN SYSTEM TO PREVENT OVERFLOW EVENTS / FUELED EMERGENCY GENERATORS AND PUMPS				ALL LIFT STATIONS / STORM DRAIN COLLECTION SYSTEM		\$1,343.27		EMPLOYEE HOURS		
14	A	SLIDE CLEANUP				BROADWAY HILL		\$102.00				
15	B	GAS FOR EMERGENCY GENERATORS				LIFT STATIONS		\$62.70				
16	F	WATER TREATMENT FACILITY UPSETS / WASTEWATER TREATMENT FACILITY UPSETS				WATER TREATMENT PLANT / WASTEWATER TREATMENT PLANT		\$1,756.89		EMPLOYEE HOURS		
17	F	VAC TRUCK RENTAL FOR WASTEWATER COLLECTION SYSTEM				CITY TRUNK LINE		\$2,317.50				
18	C	REPAIRING STREETS: POT HOLE PATCHING, AFTER EVENT				SE 4TH AVE / N 6TH AVE / E 3RD AVE		\$60.00				
19	C	REPAIRING ROADWAY SHOULDERS: AFTER EVENT				THROUGHOUT TOWN		\$132.60				
20	F	SEWER CLEANING, OVERFLOW EVENT				298 NW WADE STREET		\$2,500.00				
21	F	SEWER CLEANING, OVERFLOW EVENT				408 SW JUNIPER		\$1,000.00				
22	Inspector's Name				Contact Information				Date:			
23												
24												

INITIAL DAMAGE ASSESSMENT (IDA)

OERS INCIDENT #

SUMMARY REPORT FORM

2005-3016

Complete green areas of form

OERS 24 hr line 1-800-452-0311

JURISDICTION:	Douglas County	NAME OF REPORTING OFFICIAL:	Wayne Stinson
COUNTY:	Douglas	TITLE:	Emergency Manager
EMAIL:	wstinson@co.douglas.or.us	TELEPHONE:	(541)440-4448
TELEPHONE:	(541)440-4448	FAX:	(541)440-4470
DATE - TIME OF THIS REPORT:	01/10/06	DATE - TIME OF START OF	12/28/05 800
EOC ACTIVATED:	DATE: TIME:	TYPE OF EMERGENCY: Flood / Winter Storm	
EOC CLOSED:	DATE: TIME:		
LOCAL EMERGENCY DECLARED:	DATE: TIME:		

DESCRIBE THE GEOGRAPHIC BOUNDARIES (and attach map, if possible):

The entire County was impacted.

DEATHS: **INJURIES:** **POP. STILL AT RISK:**

CURRENT SITUATION AND EXISTING CONDITIONS:

Public Works crews are in the process of clearing roads and attempting initial stabilization of slides.

IMPACTS OF THE DISASTER TO THE JURISDICTION:

The entire County was impacted by extreme rainfall amounts starting on December 30, 2005 and continued through January 1, 2006. The rainfall caused surface water and small streams to flood and the South, North and Main Umpqua Rivers either reached or exceeded flood stage on December 31, 2005. On December 31, 2005 another round of rainfall again brought surface and small stream problems and brought the rivers back up on January 1, 2006.

IDA County Summary

- Summarizes entire county
- IDA Field Data Forms
- Private businesses
- Private dwellings
- Agricultural
- Public Infrastructure
- Describes major impacts

State (OEM) Summary

- Summarizes entire state
- Checks for eligibility
- Makes recommendation to Governor for joint PDA

Statewide Public Infrastructure Summary

A	B	C	D	E	F	G	H	I	J	K	L	
County	Jurisdiction	Category								Pop	Per Capita Impact	
		A	B	C	D	E	F	G	Total			
										\$0		
										\$0		
Morrow		\$ -	\$ 10,818	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,818	295,900	\$ 0.04
										\$0		
										\$0		
Multnomah		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	11,750	\$ -
	ODOT		\$ 890							\$890		
	City of Portland	\$ 77,000	\$ 68,500	\$ 20,000						\$165,500		
	City Of Gresham		\$ 2,515							\$2,515		
	County PW	\$ 200,000		\$ 100,000						\$300,000		
	Portland Water Bureau	\$ 6,200	\$ 3,545							\$9,745		
										\$0		
										\$0		
Polk		\$ 283,200	\$ 75,450	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 478,650	677,850	\$ 0.71
	City of Independence	\$ 950	\$ 1,270	\$ 516					\$ 2,338	\$5,074		
	Monmouth Public Works			\$ 751						\$751		
	Polk County PW	\$ 50,000	\$ 150,000	\$ 725,000						\$925,000		
										\$0		
										\$0		
Sherman		\$ 50,950	\$ 151,270	\$ 726,267	\$ -	\$ -	\$ -	\$ -	\$ 2,338	\$ 930,825	64,000	\$ 14.54
	City of Rufus	\$ 6,690								\$6,690		
	Sherman County	\$ 13,479	\$ 6,793							\$20,271		
	Sherman County			\$ 37,818						\$37,818		
	Deschutes State Park			\$ 10,000						\$10,000		
										\$0		
Tillamook		\$ 20,169	\$ 6,793	\$ 47,818	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 74,779	1,900	\$ 39.36
	Cape lookout State Park					\$ 5,000				\$5,000		
	Tillamook Cnty PW	\$ 45,970		\$ 410,000		\$ 23,000	\$ 7,500			\$486,470		
	Tillamook Cnty Parks	\$ 10,000					\$ 23,082			\$33,082		
	North Water District	\$ 3,300								\$3,300		
	Port of Tillamook Bay	\$ 17,000	\$ 1,000	\$ 12,000		\$ 15,000	\$ 5,000			\$50,000		
	Tillamook Anglers Coop	\$ 1,000	\$ 200	\$ 3,500	\$ 1,500	\$ 18,500	\$ 1,500			\$26,200		
										\$0		
	City of Manzanita					\$ 3,800				\$3,800		
Umatilla		\$ 77,270	\$ 1,200	\$ 425,500	\$ 1,500	\$ 18,500	\$ 48,300	\$ 35,582	\$	\$ 607,852	24,900	\$ 24.41
	City of Echo			\$ 29,000						\$29,000		
										\$0		
Union		\$ -	\$ -	\$ 29,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$29,000	71,100	\$ 0.41

Initial Damage Assessment State Summary (all impacts)

File Edit View Insert Format Tools Data Window Help																		
	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q		
1	Winter Storm 05-06	Upd	5/8/06															
2																		
3	State Wide Public Infrastructure Totals																	
4	State Total (\$):		\$11,441,307.55															
5	State Population:		3,541,500															
6	State Capita Impact: (FY06 \$)		\$3.23															
7																		
8	CPI 2006		\$1.18															
9	County		\$2.54															
10	State Wide Estimate Totals			No.	Amount													
11	Housing Loss Estimates:	##	\$4,882,812.0															
12	Business Loss Estimates:	##	\$1,087,500.0															
13	Private Nonprofit Estimates:	6	\$47,500.00															
14	Agriculture Loss Estimates:	35	\$797,750.0															
15																		
16	State Wide Total Loss			\$18,256,869.55										<i>FAS totals are not up to date, see DDOT County Damage totals.</i>				
17																		
18																		
19		Assessment	Winter Storm 2005- 2006															
20	County	Housing Loss Estima	Business Loss	Private Nonprofit Lo	Agriculture Los	Infrastructure Lo	sub total	State FAS	County FAS	Total								
21	Baker County						\$0			\$0						\$0		
22	Benton County		\$0	\$0	\$0	\$0	\$275,738	\$275,738	\$99,361	\$0						\$375,099		
23	Clackamas County		\$260,000	\$0	\$0	\$0	\$1,893,342	\$2,153,342	\$0	\$0						\$2,153,342		
24	Clatsop County		\$0	\$0	\$0	\$0	\$247,324	\$247,324	\$20,000	\$0						\$267,324		
25	Columbia County		\$0	\$0	\$0	\$0	\$406,855	\$406,855	\$7,000	\$1,200,000						\$1,613,855		
26	Coos County		\$1570,000	\$387,000	\$0	\$510,000	\$1,587,105	\$4,054,105	\$359,800	\$204,086						\$4,617,991		
27	Crook County		\$75,000	\$0	\$0	\$250,000	\$1,004,500	\$1,329,500	\$87,676	\$0						\$1,417,176		
28	Curry County		\$0	\$0	\$0	\$0	\$152,818	\$152,818	\$1,536,000	\$0						\$1,688,818		
29	Deschutes County		\$440,000	\$350,000	\$0	\$0	\$70,274	\$860,274	\$10,198	\$0						\$870,472		
30	Douglas County		\$523,800	\$55,000	\$22,500	\$35,750	\$593,920	\$1,230,970	\$505,594	\$38,860						\$1,775,424		
31	Gilliam County		\$0	\$0	\$0	\$0	\$39,000	\$39,000	\$207,480	\$0						\$246,480		
32	Grant County							\$0								\$0		
33	Gresham, City of							\$0								\$0		
34	Harney County							\$0								\$0		
35	Hood River County							\$0								\$0		
36	Jackson County		\$1,772,012	\$253,500	\$25,000	\$0	\$777,557	\$2,828,069	\$2,545,000	\$433,587						\$5,806,656		
37	Jefferson County		\$100,000	\$40,000	\$0	\$0	\$75,987	\$215,987	\$36,000	\$0						\$251,987		
38	Josephine County		\$82,000	\$0	\$0	\$0	\$247,302	\$329,302	\$90,000	\$120,103						\$539,405		
39	Klamath County		\$0	\$0	\$0	\$0	\$25,063	\$25,063	\$0	\$0						\$25,063		
40	Lake County		\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$0						\$450,000		
41	Lane County		\$0	\$0	\$0	\$0	\$378,442	\$378,442	\$29,500	\$0						\$407,942		
42	Lincoln County		\$0	\$0	\$0	\$0	\$148,000	\$148,000	\$72,850	\$0						\$220,850		
43	Linn County		\$0	\$0	\$0	\$0	\$741,697	\$741,697	\$273,074	\$0						\$1,014,771		
44	Malheur County		\$35,000	\$2,000	\$0	\$0	\$2,000	\$55,000	\$94,000	\$0						\$149,000		