

P3/b(3)

Sent: Mon, 09 Aug 2010 10:00:51 -0400

From: "Dunn, Edward A" <dunnea2@state.gov>

To: "Lebson, Eric M." <eric_m_lebson@nss.eop.gov>, "Chaudhary, Shamila N." <shamila_n_chaudhary@nss.eop.gov>, "Tien, John K." <john_k_tien@nss.eop.gov>, "Patterson, Anne W" <pattersonaw2@state.gov>, "Ruggiero, Frank J" <ruggierofj@state.gov>,

[REDACTED] "Muench, Sandra M" <muenchsm@state.gov>, "Gonzalez, Francisco J" <gonzalezfj@state.gov>, michael.t.flynn@afghan.swa.army.mil, david.sedney@osd.mil, [REDACTED] "Smith, Gayle E." <gayle_e_smith@nss.eop.gov>, "Shah, Rajiv (AID/A)" <rshah@usaid.gov>, "Reichle, Susan (DCHA/AA)" <sureichle@usaid.gov>, "Kosiak, Steve" <steve_kosiak@omb.eop.gov>, "Hulley, Paul, SES, OSD-POLICY" <paul.hulley@osd.mil>, "Rhodes, Benjamin J." <benjamin_j_rhodes@nss.eop.gov>, "Ward, Mark (DCHA/OFDA)" <mward@usaid.gov>,

[REDACTED]
[REDACTED] "Thier, Alex (Office of Afghanistan and Pakistan Affairs)" <jthier@usaid.gov>

[REDACTED] Pakistan Flood <pakistanflood@state.gov>, "Tucker, Henry C" <tuckerhc@state.gov>, "Lenderking, Timothy A" <lenderkingta@state.gov>, "Schwartz, Nancy" <nancy_schwartz@omb.eop.gov>, [REDACTED] elizabeth.shortino@do.treas.gov, [REDACTED] "Skoric, Dale (DCHA/FFP)" <dskoric@usaid.gov>

Cc: "Melia, Allison A." <allison_a_melia@nss.eop.gov>, "Lenderking, Timothy A" <lenderkingta@state.gov>, "Lute, Douglas E." <lute_d@nss.eop.gov>, david.sedney@osd.mil, [REDACTED] "Muench, Sandra M" <muenchsm@state.gov>, "Feldman, Daniel F" <feldmandf@state.gov>, "Singh, Vikram J" <singhvj@state.gov>, "Misko, Sean A" <miskosa@state.gov>, "Shah, Rajiv (AID/A)" <rshah@usaid.gov>, "Gilbert, Stephanie S" <gilbertss@state.gov>, "McCartan, Emily M." <emily_m_mccartan@omb.eop.gov>,

[REDACTED] "Ruggiero, Frank J" <ruggierofj@state.gov>, "Reiner, Philip J CIV OSD POLICY" <philip.reiner@osd.mil>, "Coffman, James CIV OSD POLICY" <james.coffman@osd.mil>, "Zareski, Karen B" <zareskib@state.gov>, "Lundeberg, Greta J" <lundeberggj@state.gov>, "Reichle, Susan (DCHA/AA)" <sureichle@usaid.gov>, "Prosser, Sarah E" <prosserse@state.gov>, "Meier, Michael W" <meiermw@state.gov>

[REDACTED] "Flohr, Amy K" <flohrak@state.gov>, "Goodman, Mary Beth" <goodmanmb@state.gov>, "Chang, Benjamin" <benjamin_chang@nss.eop.gov>, "Hammer, Michael A." <michael_a_hammer@nss.eop.gov>, "Mullaney, Craig (Office of Afghanistan and Pakistan Affairs)" <cmullaney@usaid.gov>, "Bever, James (Office of Afghanistan and Pakistan Affairs)" <jbever@usaid.gov>, "White, Christa (AID/ES)" <chwhite@usaid.gov>

[REDACTED] "Rose, Douglas C (S/SRAP)" <rosedd@state.gov>, "Addabbo, Michael J CIV OSD POLICY" <michael.addabbo@osd.mil>, "Smith, Barbara J." <barbara_j_smith@nss.eop.gov>, "Nusraty, Temim H." <temim_h_nusraty@nss.eop.gov>, "Hayes, Jeff W." <jeff_w_hayes@nss.eop.gov>, "Trout, Clifton B." <clifton_b_trout@nss.eop.gov>, "Chase, Cynthia" <cynthia_chase@nss.eop.gov>, "Pratt, Robert T." <robert_t_pratt@nss.eop.gov>,

[REDACTED] sbyers@nss.eop.gov, [REDACTED] "Broughton, Christopher N." <christopher_n_broughton@nss.eop.gov>, "Jensen, Robert R." <robert_r_jensen@nss.eop.gov>, "Bilyk, Olga (DCHA/OFDA)" <obilyk@usaid.gov>, "Hill, John D SES OSD-POLICY" <john.hill@osd.mil>, "Trigilio, John, CIV, OSD-POLICY" <john.trigilio@osd.mil>, "Reeves, James J CDR (USN) OSD POLICY" <james.reeves@osd.mil> [REDACTED] "Schwartz, Nancy" <nancy_schwartz@omb.eop.gov>, "Curtin, Edna F." <edna_f_curtin@omb.eop.gov>,

Subject: Re: Pakistan Flood Relief Conference Call -- Monday, August 09 @ 1115

[PAKISTAN NWFP Flood Affected Areas 31 07 10c Low Res A4.jpg](#)

[ITHACA Pakistan flood 20100802 Charsadda District.jpg](#)

[PAKISTAN Flood Affected Areas 01 08 10c Low Res A4.jpg](#)

[Pakistan_flood_20100803_WarsakDam_FloodHazard_v1.jpg](#)

Colleagues:

Attached please find some useful maps of the flood situation.

The latest information is also available on the portal:

http://www.intelink.gov/wiki/Portal:2010_Pakistan_Flooding

We look forward to speaking with everyone at 1115 EDT.

Cheers,

Ed

Ed Dunn

Pakistan Desk

Multifunctional Team

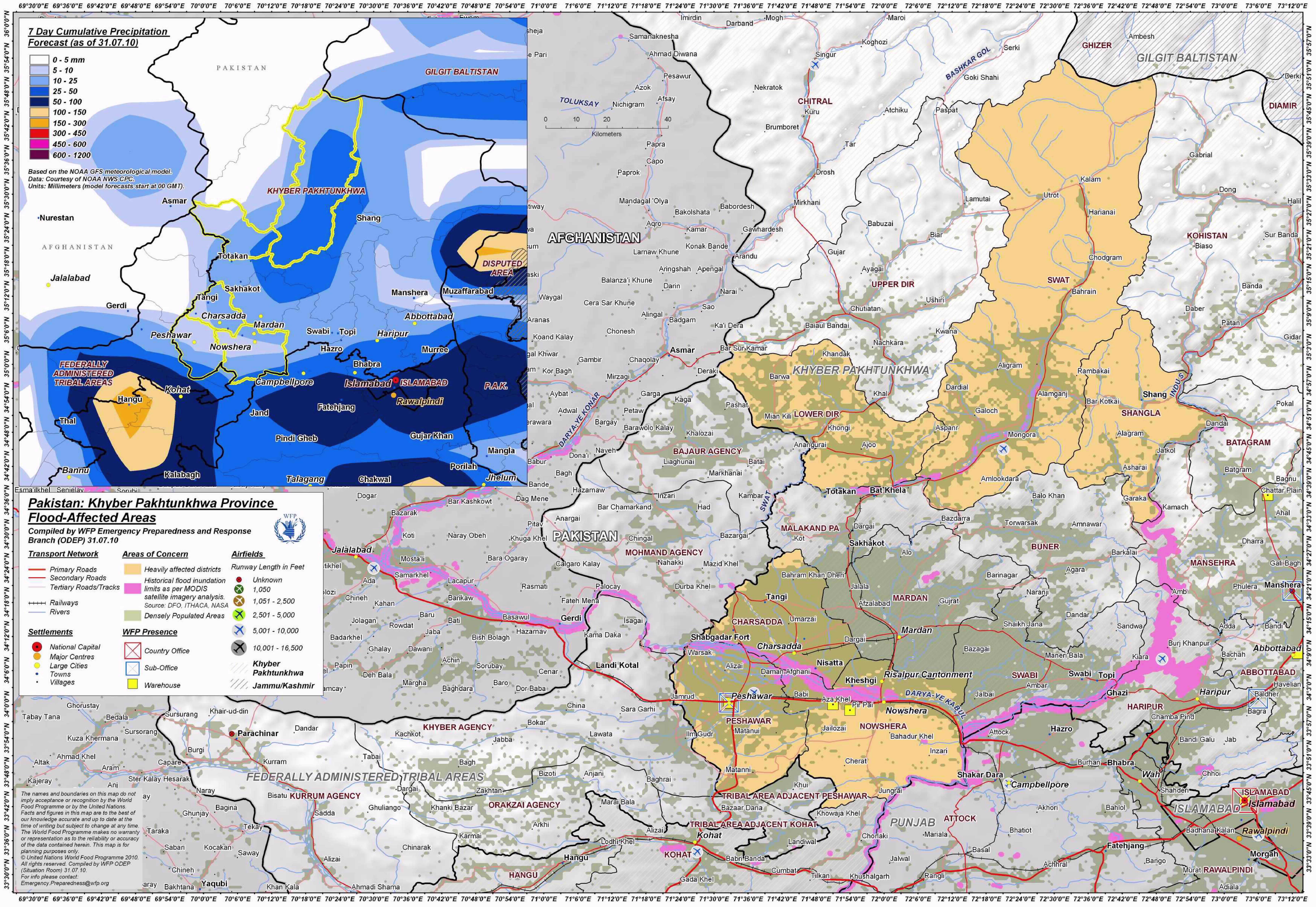
U.S. Department of State

(202) 736-7906

DunnEA2@state.gov

SBU

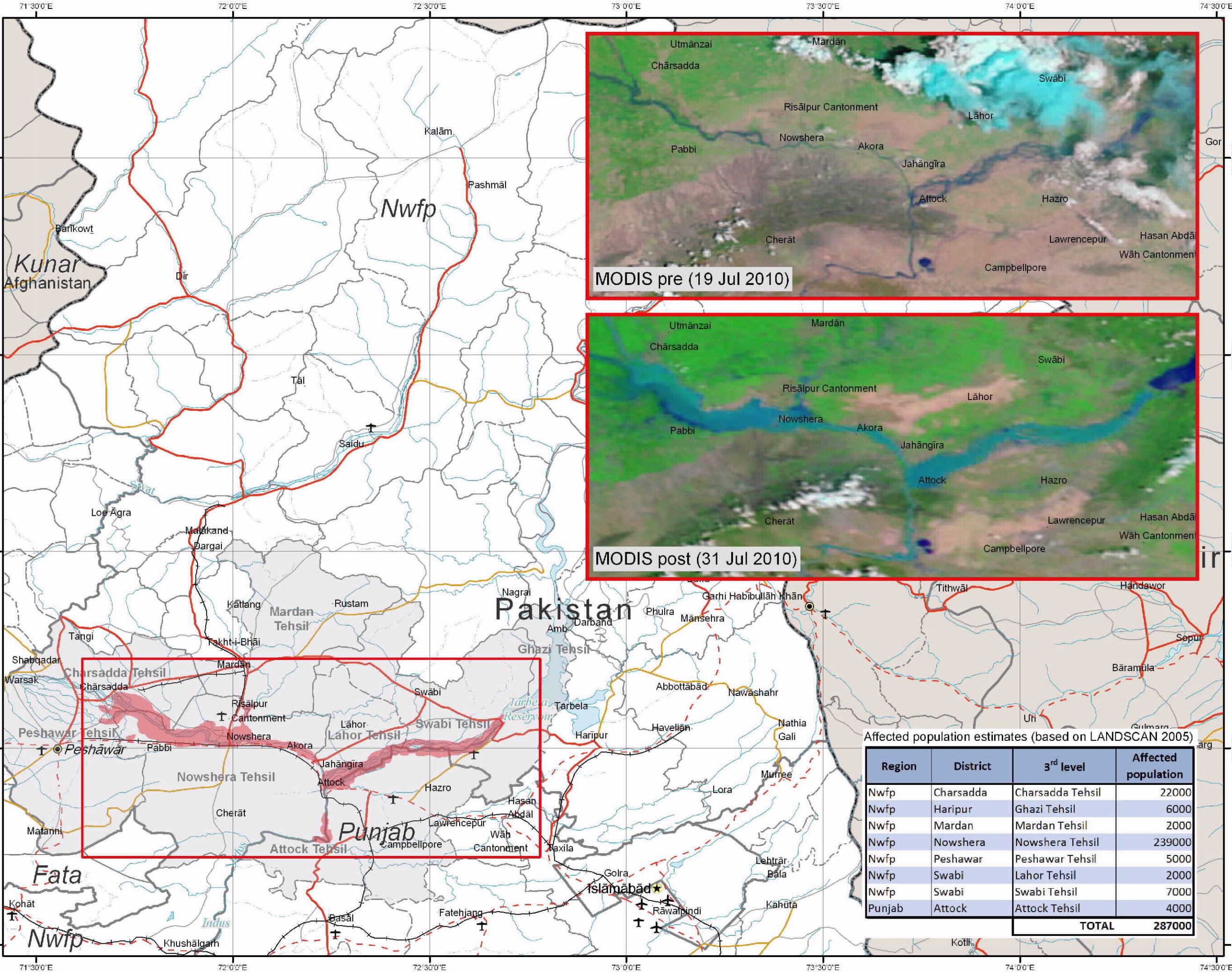
This email is UNCLASSIFIED.



Pakistan floods - Tarbela dam (Charsadda district) area MODIS satellite imagery multi temporal analysis

Glide number: FL-2010-000141-PAK

Publication date: 02/08/2010



Legend

- Populated place

★ 1st order capital

● 2nd order capital

● Other capital

○ Town

○ Settlement

✈ Airdrome

✈ Airports

✈ Airfields/Airstrips

● Unspecified

✈ Railroad

Motorway

Important Route

Main Route

Primary Route

Other Route
- River/Stream

Perennial

Non perennial

Adm. boundary

International

1st order

2nd order

3rd order

Coastline

Inland Water

Satellite flooded areas

1:1,000,000 on A3 paper format
0 8 16 24 32 40 km

Geographic Coordinates - WGS84

Source for Vector Map level 0 (VMAP0) datasets was the United States National Imagery and Mapping Agency. MODIS images are available in the LAADS archive through FTP on <ftp://landsf.nascom.nasa.gov/>. Names and boundaries on this map do not imply acceptance or recognition by the World Food Programme or by the United Nations. Facts and figures in this map are accurate and up to date to the best of our knowledge at the time of writing but subject to change at any time. The World Food Programme makes no warranty or representation as to the reliability or accuracy of the data contained herein. This map is for planning purposes only. © United Nations World Food Programme 2007. All rights reserved.

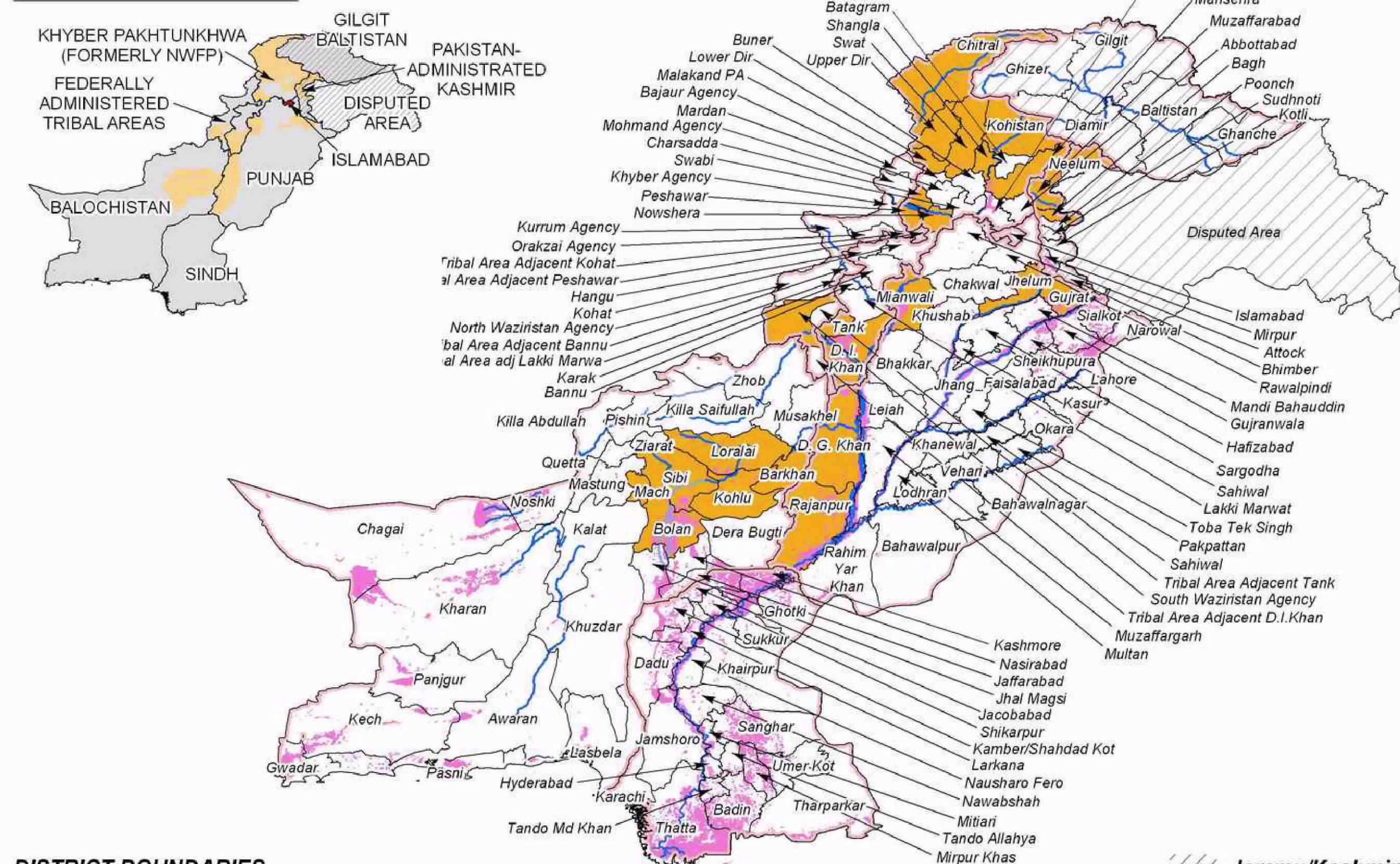
Produced by ITHACA
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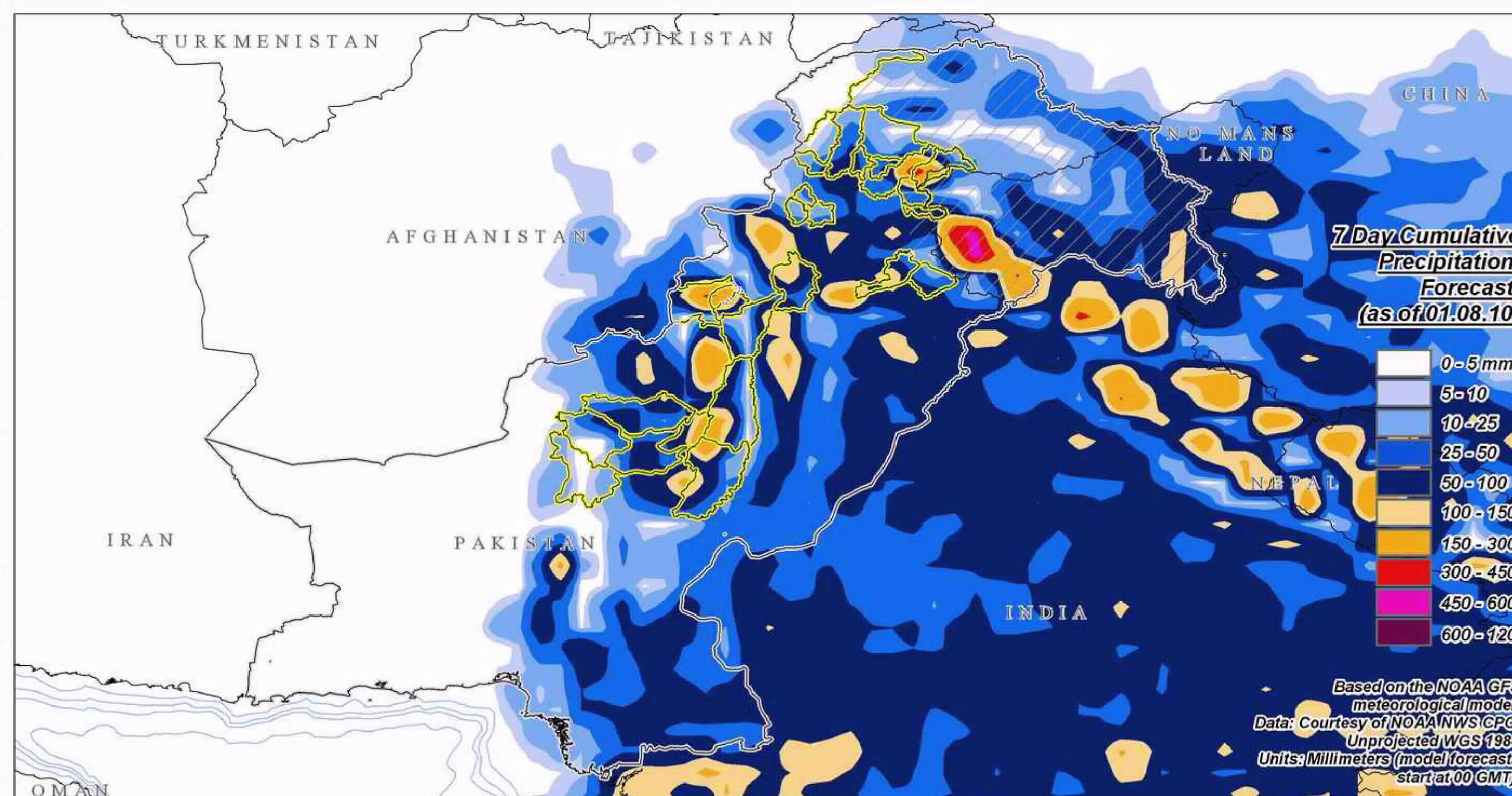
Affected population estimates (based on LANDSCAN 2005)

| Region | District | 3 rd level | Affected population |
|--------|-----------|-----------------------|---------------------|
| Nwfp | Charsadda | Charsadda Tehsil | 22000 |
| Nwfp | Haripur | Ghazi Tehsil | 6000 |
| Nwfp | Mardan | Mardan Tehsil | 2000 |
| Nwfp | Nowshera | Nowshera Tehsil | 239000 |
| Nwfp | Peshawar | Peshawar Tehsil | 5000 |
| Nwfp | Swabi | Lahor Tehsil | 2000 |
| Nwfp | Swabi | Swabi Tehsil | 7000 |
| Punjab | Attock | Attock Tehsil | 4000 |
| TOTAL | | | 287000 |

PROVINCIAL BOUNDARIES



DISTRICT BOUNDARIES

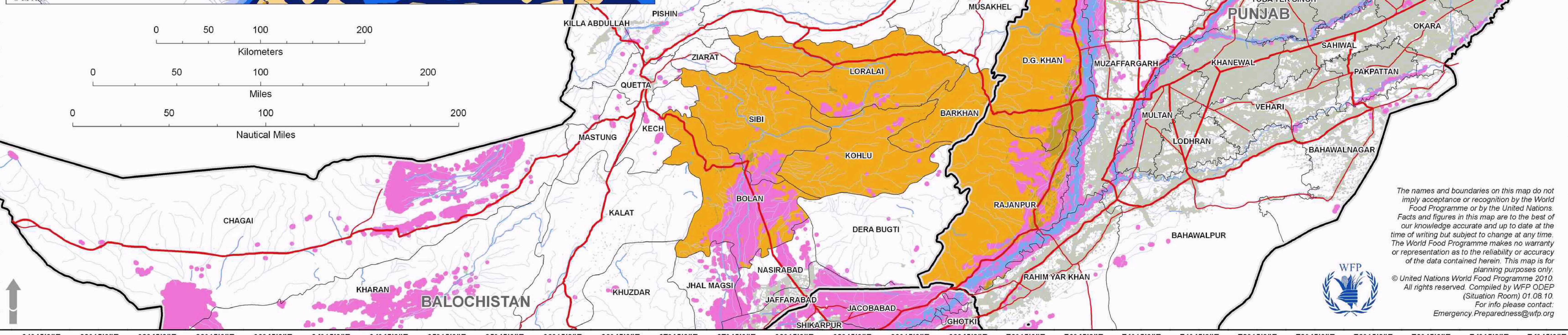


Pakistan: Flood-Affected Areas

Compiled by WFP Emergency Preparedness and Response Branch (ODEP) 01.08.10

Areas of Concern

- Heavily affected districts
Source: PRCS, ICRC, NDMA, OCHA
- Historical flood inundation limits as per MODIS satellite imagery analysis
Source: DFO, ITHACA, NASA
- Densely Populated Areas
- Primary Roads
- Secondary Roads
- Rivers



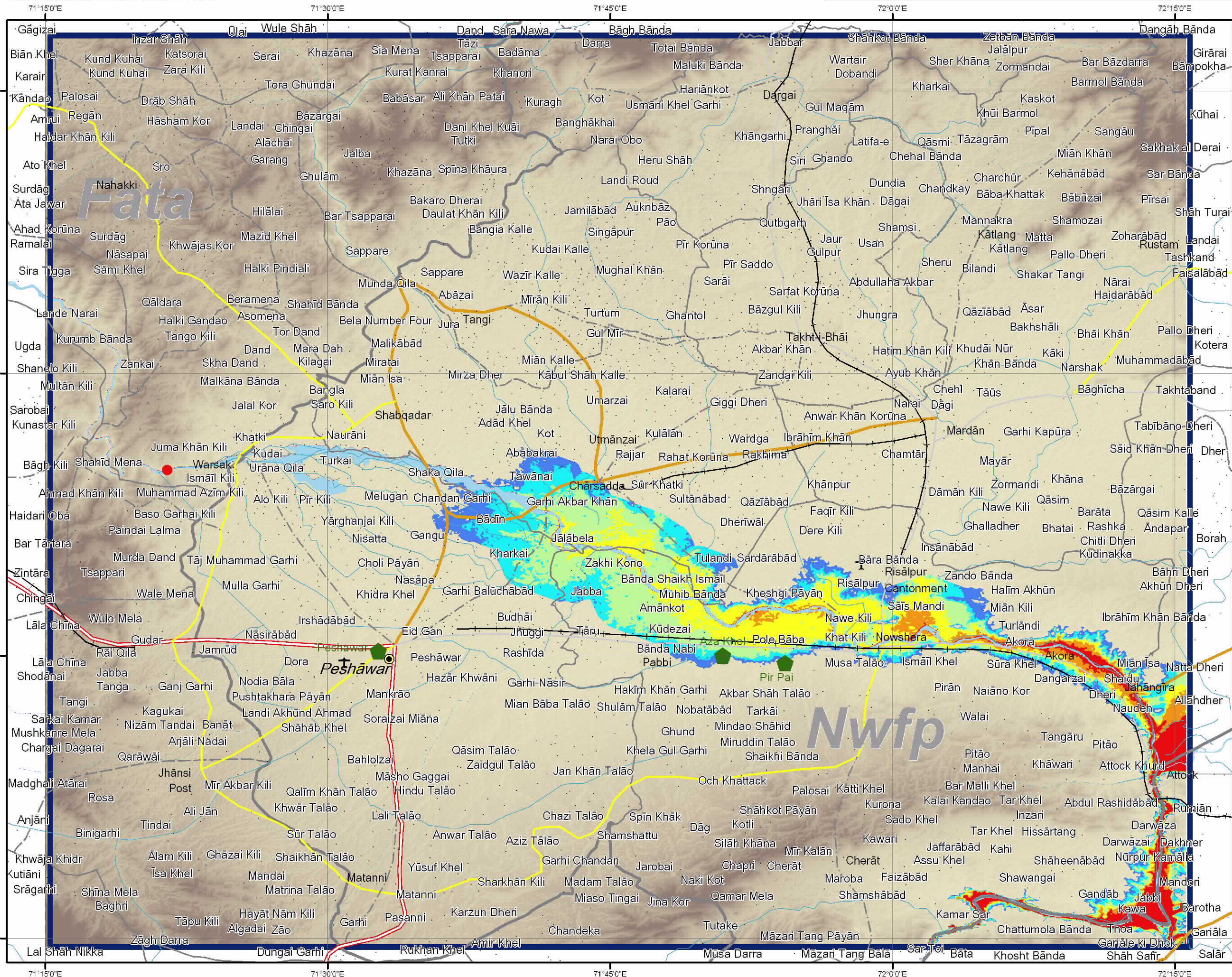
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Pakistan floods - Warsak dam, flood hazard

Glide number: FL-2010-000141-PAK

Flood hazard analysis is based on Digital Elevation Model (ASTER GDEM) and hydrographic network. No discharge data have been used

Publication date: 03/09/2010



Legend

- WFP warehouse
- Warsak dam
- Populated place
 - 1st order capital
 - 2nd order capital
 - Other capital
 - Town
 - Settlement
- Airdrome
 - Airports
 - Airfields/Airstrips
 - HLZ
 - Unspecified
- Road
 - Highway
 - Primary
 - Secondary
 - Tertiary
 - Local/Urban
 - Private
 - Trail
 - Unspecified
- River/Stream
 - Perennial
 - Non perennial
 - River/Lakes
- Adm. boundary
 - International
 - 1st order
 - 2nd order
 - 3rd order
 - 4th order
 - 5th order
 - Other
- Coastline
- Built-up Area
- Flood hazard
 - High
 - Low
- Analysis window

1:350,000 on A3 paper format
0 3 6 9 12 15 km

Geographic Coordinates - WGS84

Source for Vector Map level 0 (VMAP0) datasets was the United States National Imagery and Mapping Agency. MODIS images are available in the LAADS archive through FTP on <ftp://landsfip.nascom.nasa.gov/>. Names and boundaries on this map do not imply acceptance or recognition by the World Food Programme or by the United Nations. Facts and figures in this map are accurate and up to date to the best of our knowledge at the time of writing but subject to change at any time. The World Food Programme makes no warranty or representation as to the reliability or accuracy of the data contained herein. This map is for planning purposes only. © United Nations World Food Programme 2007. All rights reserved.

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