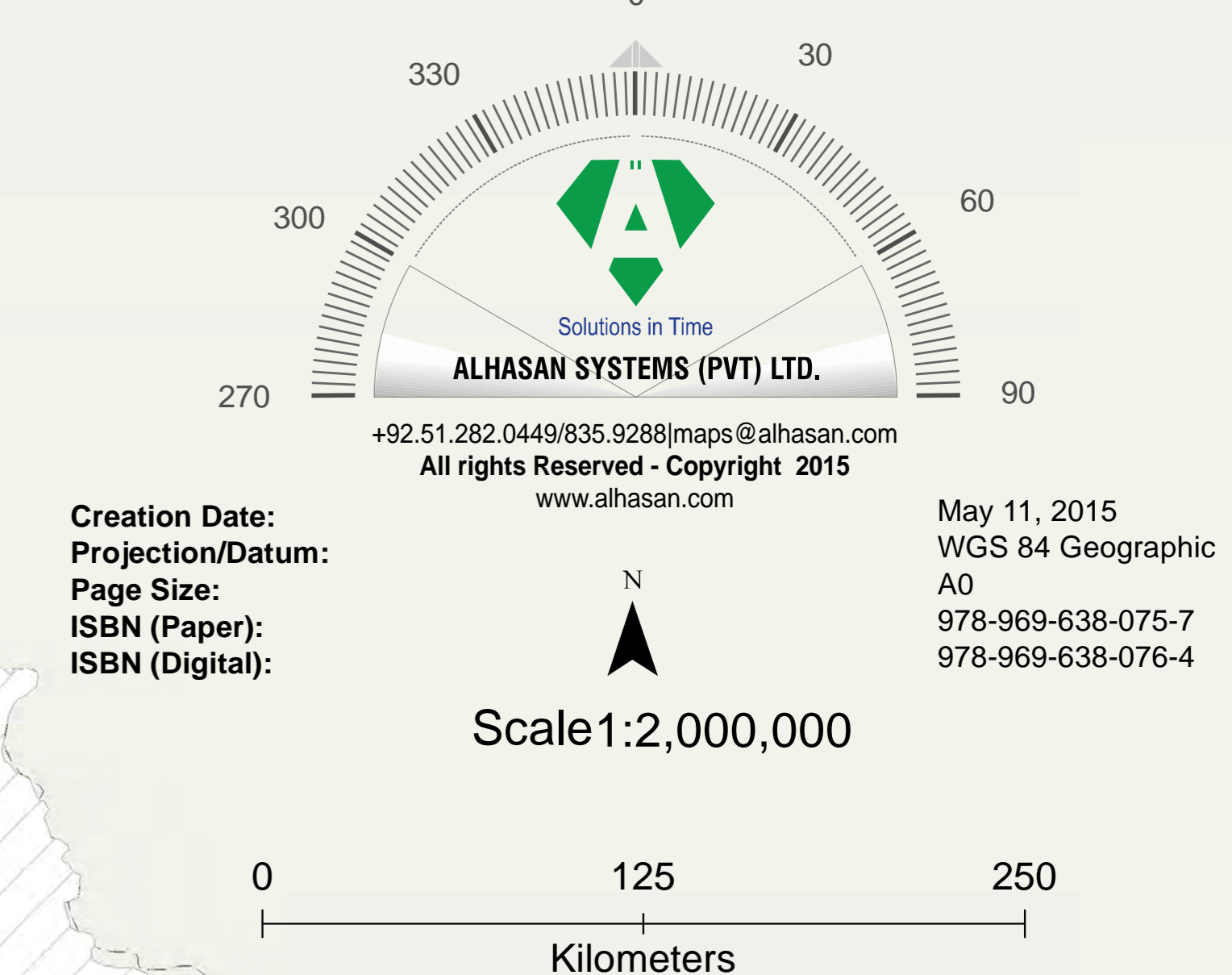
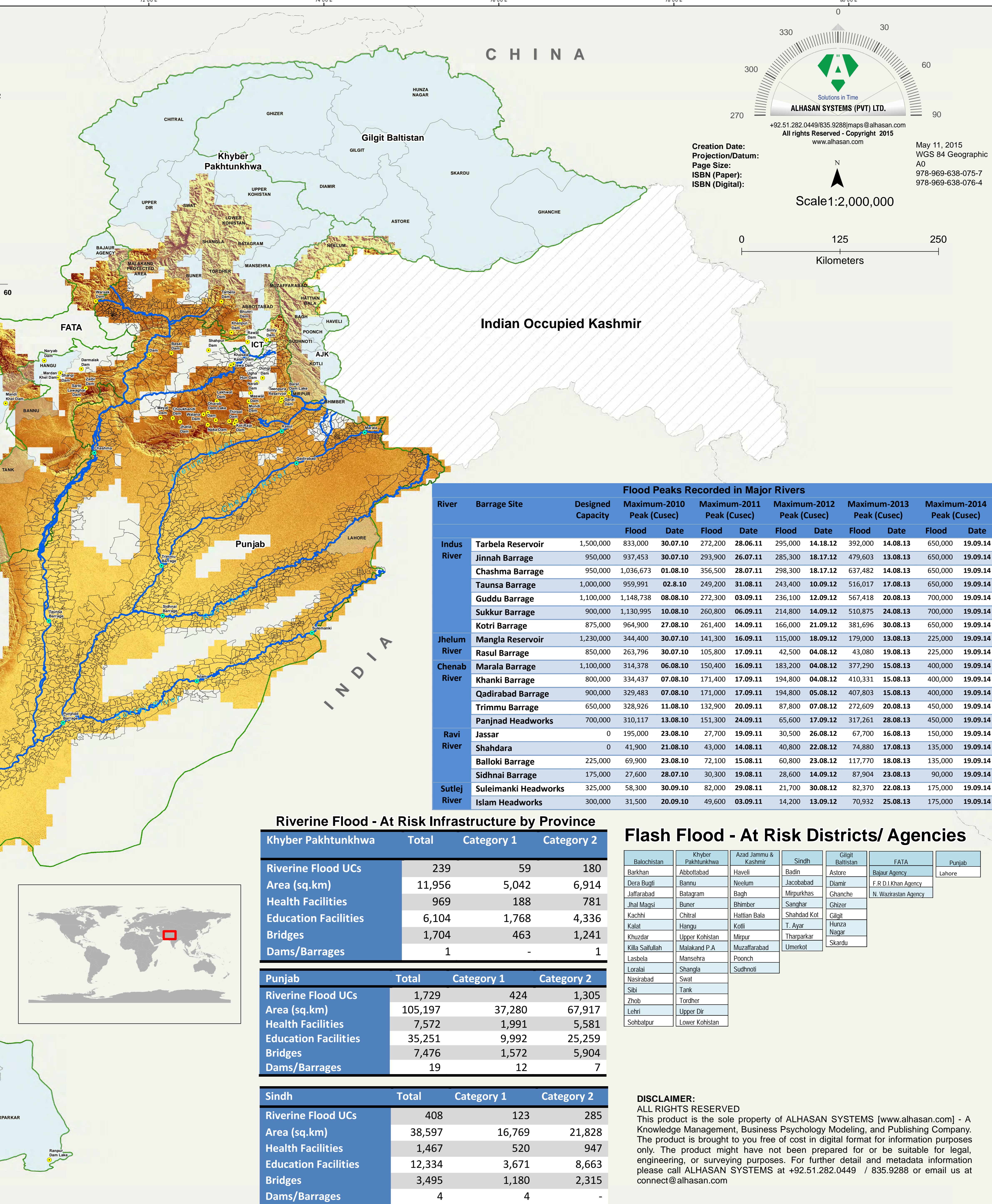
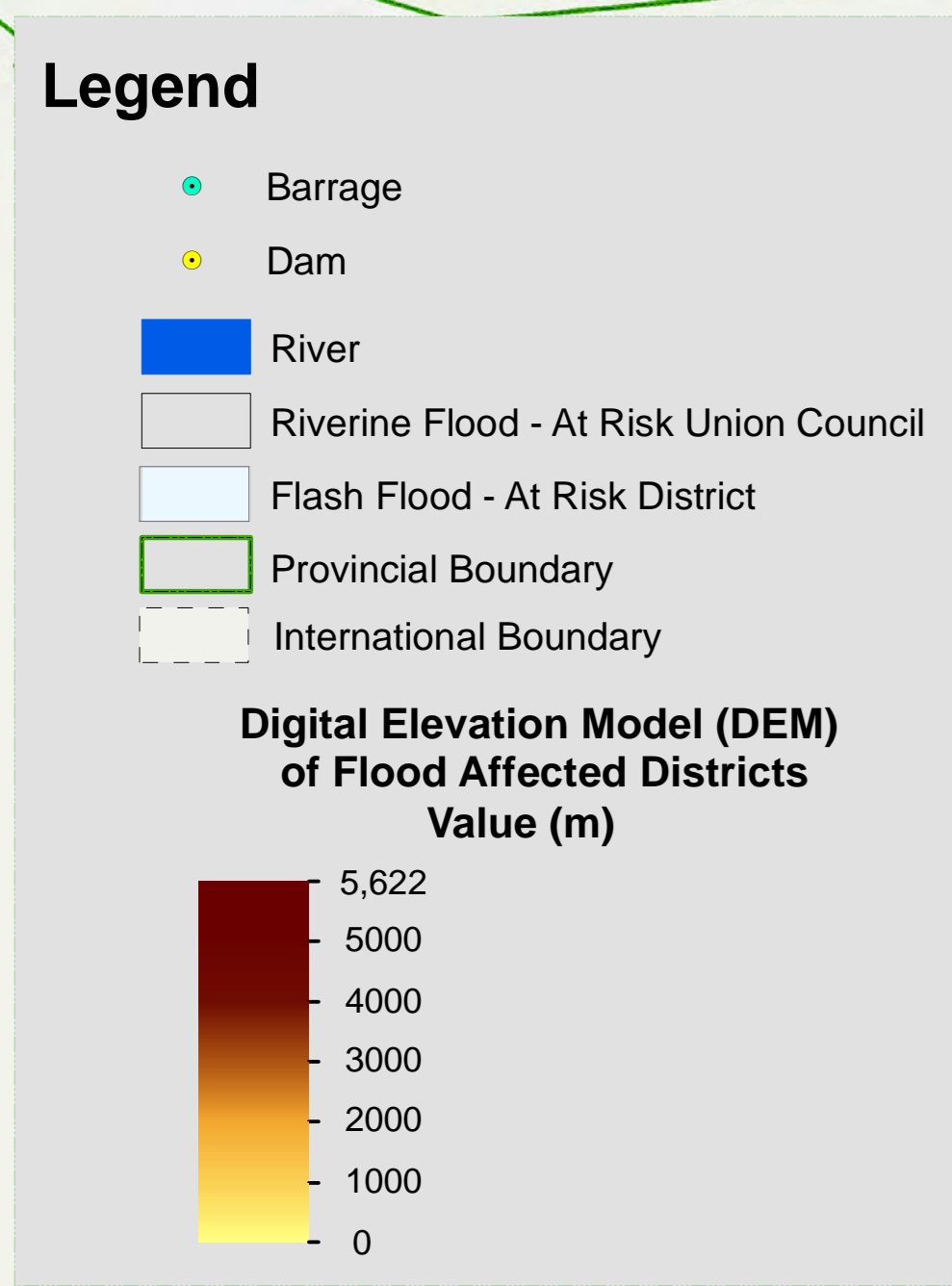
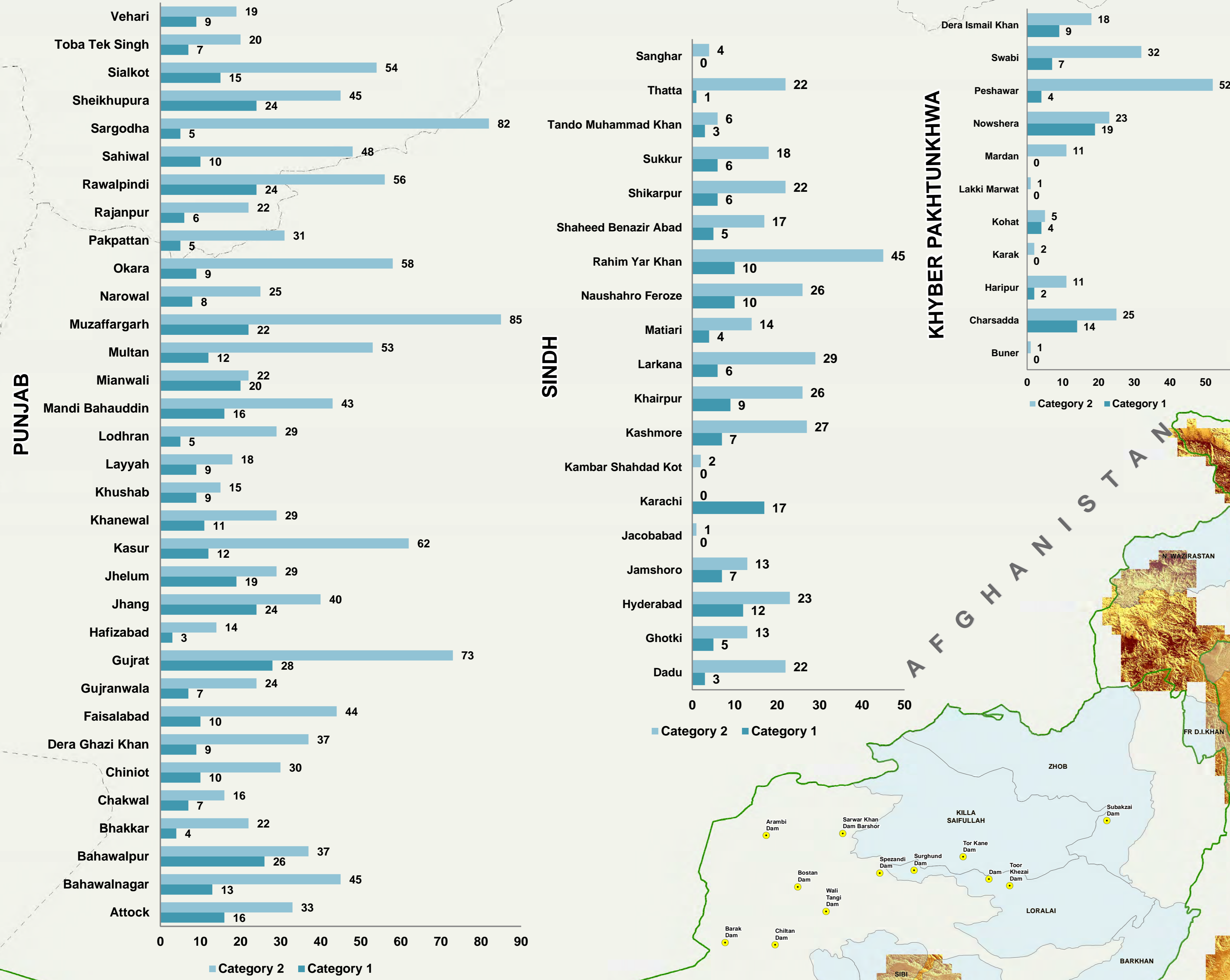


PAKISTAN - FLOOD RISK ASSESSMENT 2015

Riverine Flood - At Risk Districts and Union Councils by Province



Flood Peaks Recorded in Major Rivers

River	Barrage Site	Designed Capacity	Maximum-2010		Maximum-2011		Maximum-2012		Maximum-2013		Maximum-2014	
			Flood Peak (Cusec)	Date	Flood Peak (Cusec)	Date	Flood Peak (Cusec)	Date	Flood Peak (Cusec)	Date	Flood Peak (Cusec)	Date
Indus River	Tarbela Reservoir	1,500,000	833,000	30.07.10	272,200	28.06.11	295,000	14.18.12	392,000	14.08.13	650,000	19.09.14
	Jinnah Barrage	950,000	937,453	30.07.10	293,900	26.07.11	285,300	18.17.12	479,603	13.08.13	650,000	19.09.14
	Chashma Barrage	950,000	1,036,673	01.08.10	356,500	28.07.11	298,300	18.17.12	637,482	14.08.13	650,000	19.09.14
	Taunsa Barrage	1,000,000	959,991	02.8.10	249,200	31.08.11	243,400	10.09.12	516,017	17.08.13	650,000	19.09.14
	Guddu Barrage	1,100,000	1,148,738	08.08.10	272,300	03.09.11	236,100	12.09.12	567,418	20.08.13	700,000	19.09.14
Jhelum River	Sukkur Barrage	900,000	1,130,995	10.08.10	260,800	06.09.11	214,800	14.09.12	510,875	24.08.13	700,000	19.09.14
	Kotri Barrage	875,000	964,900	27.08.10	261,400	14.09.11	166,000	21.09.12	381,696	30.08.13	650,000	19.09.14
	Mangla Reservoir	1,230,000	344,400	30.07.10	141,300	16.09.11	115,000	18.09.12	179,000	13.08.13	225,000	19.09.14
Chenab River	Rasul Barrage	850,000	263,796	30.07.10	105,800	17.09.11	42,500	04.08.12	43,080	19.08.13	225,000	19.09.14
	Marala Barrage	1,100,000	314,378	06.08.10	150,400	16.09.11	183,200	04.08.12	377,290	15.08.13	400,000	19.09.14
	Khanki Barrage	800,000	334,437	07.08.10	171,400	17.09.11	194,800	04.08.12	410,331	15.08.13	400,000	19.09.14
	Qadirabad Barrage	900,000	329,483	07.08.10	171,000	17.09.11	194,800	05.08.12	407,803	15.08.13	400,000	19.09.14
Ravi River	Trimmu Barrage	650,000	328,926	11.08.10	132,900	20.09.11	87,800	07.08.12	272,609	20.08.13	450,000	19.09.14
	Panjdand Headworks	700,000	310,117	13.08.10	151,300	24.09.11	65,600	17.09.12	317,261	28.08.13	450,000	19.09.14
	Jassar	0	195,000	23.08.10	27,700	19.09.11	30,500	26.08.12	67,700	16.08.13	150,000	19.09.14
	Shahdara	0	41,900	21.08.10	43,000	14.08.11	40,800	22.08.12	74,880	17.08.13	135,000	19.09.14
Sutlej River	Balloki Barrage	225,000	69,900	23.08.10	72,100	15.08.11	60,800	23.08.12	117,770	18.08.13	135,000	19.09.14
	Sidhnai Barrage	175,000	27,600	28.07.10	30,300	19.08.11	28,600	14.09.12	87,904	23.08.13	90,000	19.09.14
	Suleimanki Headworks	325,000	58,300	30.09.10	82,000	29.08.11	21,700	30.08.12	82,370	22.08.13	175,000	19.09.14
Islam Headworks	Islam Headworks	300,000	31,500	20.09.10	49,600	03.09.11	14,200	13.09.12	70,932	25.08.13	175,000	19.09.14

Riverine Flood - At Risk Infrastructure by Province

Province	Total	Category 1	Category 2
Khyber Pakhtunkhwa			
Riverine Flood UCs	239	59	180
Area (sq.km)	11,956	5,042	6,914
Health Facilities	969	188	781
Education Facilities	6,104	1,768	4,336
Bridges	1,704	463	1,241
Dams/Barrages	1	-	1
Punjab			
Riverine Flood UCs	1,729	424	1,305
Area (sq.km)	105,197	37,280	67,917
Health Facilities	7,572	1,991	5,581
Education Facilities	35,251	9,992	25,259
Bridges	7,476	1,572	5,904
Dams/Barrages	19	12	7
Sindh			
Riverine Flood UCs	408	123	285
Area (sq.km)	38,597	16,769	21,828
Health Facilities	1,467	520	947
Education Facilities	12,334	3,671	8,663
Bridges	3,495	1,180	2,315
Dams/Barrages	4	4	-

Flash Flood - At Risk Districts/ Agencies

Province	District/Agency
Balochistan	Barkhan
	Dera Bugti
	Jaffarabad
	Jhal Maghsi
	Kachi
	Kalat
	Khuzdar
	Killa Saifullah
	Lasbela
	Loralai
Khyber Pakhtunkhwa	Abbottabad
	Bannu
	Batagram
	Buner
	Chitral
	Hangu
	Upper Kohistan
	Malakand P.A
	Mansehra
	Shangila
Azad Jammu & Kashmir	Haveli
	Neelum
	Bagh
	Bhimber
	Hattian Bala
	Kotli
	Mirpur
	Muzaffarabad
	Poonch
	Sudhnoti
Sindh	Badin
	Jacobabad
	Mirpurkhas
	Sanghar
	Shahdad Kot
	Tharparkar
	Umerkot
	Sukkur
	Thatta
	Tando Allahyar
Gilgit Baltistan	Astore
	Diamir
	Ghanche
	Chizer
	Gilgit
	Skardu
	Skardu
	Skardu
	Skardu
	Skardu
FATA	Bajaur Agency
	F.R.D.I Khan Agency
	N. Waziristan Agency
	F.R.D.I Khan Agency
	F.R.D.I Khan Agency
	F.R.D.I Khan Agency
	F.R.D.I Khan Agency
	F.R.D.I Khan Agency
	F.R.D.I Khan Agency
	F.R.D.I Khan Agency
Punjab	Lahore
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