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Emergency Plan of Action

The Democratic People's Republic of Korea: Floods



International Federation
of Red Cross and Red Crescent Societies

DREF Operation n° MDRKP007	
Date of issue: 21 August 2015	Date of Disaster: 1-5 August 2015
Operation Manager: Khaled Masud Ahmed Disaster Management Delegate IFRC DPRK Delegation	Point of contact: Pak Un Suk Emergency Relief Coordinator DPRK RCS
Operation start date: 21 August 2015	Expected timeframe: 4 months
Overall operation budget: CHF 200,673	
Total number of people affected: 3,541 people	Number to be assisted: 908 families (approx. 3,322 people)
National Society presence (n° of volunteers, staff, branches): DPRK Red Cross Society (DPRK RCS) branches south Hwanghae and north and south Hamgyong in coordination with headquarters have been providing assistance to flood affected people. The provincial branches have deployed 30 Provincial Disaster Response Team (PDRT) and 162 Red Cross Youth volunteers in providing evacuation services and relief distributions. The Headquarters have deployed 5 National Disaster Response Teams (NDRTs) to reinforce capacity of local branches in emergency response activities.	
Red Cross Red Crescent Movement partners actively involved in the operation: The International Federation of Red Cross and Red Crescent Societies (IFRC)	
Other partner organizations actively involved in the operation: The State Committee on Emergency and Disaster Management (SCEDM), Meteorological Bureau, Ministry of People's Security and City Management Authorities of DPRK.	

A. Situation analysis

Description of Disaster

Torrential rains have caused floods in several Ri-s (villages) and in the outskirts of cities of south Hwanghae and north and south Hamgyong provinces of Democratic People's Republic of Korea (DPRK) between 1st and 5th August 2015. In a short span of time, 180 mm to 330 mm rain was recorded in Toksong, Kimchaek, Kilju, Myongchon and Byoksong counties. Hard on the heels of severe drought (reportedly the worst in a century), dry rivers, estuaries, canals could not drain the huge volume of water and overflowed causing floods in settlements, cultivated areas and the destruction of properties and infrastructure. In hilly areas, the strong flow of water washed away houses. The lack of an effective early warning system in the affected Ri-s contributed to delayed response and evacuation, and led to increased loss of life, injuries and damage to houses and infrastructure.



Damaged houses in Haeju City, South Hwanghae province, 12 August 2015.
Photo credit: DPRK RCS

According to the State Committee on Emergency and Disaster Management (SCEDM), the Government of DPRK and DPRK Red Cross Society (RCS), the floods affected 3,541 people, claimed 24 lives and 9 people are reported missing in more than 20 affected cities/counties. The number of affected people is likely to rise as it is feared that people are still isolated in remote sites with poor communications. The DPRK RCS local branches will continue to support the local authorities to conduct evacuation of people to safer places. The floods have destroyed 714 houses and further damaged 276 houses. In addition, 4,011 hectares of crops, 4,930 m² of roads, 632 m of bridges, 1,976 m² of railway tracks and 5 km of water supply canals were damaged by the floods. A [DMIS report](#) was issued on 7 August by the DPRK RCS and a [news story](#) was issued on 12 August by IFRC.

Table 1: Summary of damages and losses as of 12 August 2015

Affected Area	Total houses affected	Completely destroyed houses	Partly damaged houses	Submerged houses	Displaced person
South Phyongan Province	8	4	4	0	22
Taedong County	3	1	2	0	7
Tokchon County	2	0	2	0	3
Kaechon City	3	3	0	0	12
North Phyongan Province	29	4	25	0	49
Sakju County	29	4	25	0	49
North Hwanghae Province	6	3	3	0	16
Pongsan County	6	3	3	0	16
South Hwanghae Province	270	270	0	0	912
Haeju County	116	116	0	0	376
Byoksong County	150	150	0	0	520
Bongchon County	4	4	0	0	16
South Hamgyong Province	33	32	1	0	98
Tanchon County	1	0	1	0	2
Toksong County	32	32	0	0	96
North Hamgyong Province	614	373	15	226	2,336
Kimchaek City	291	54	11	226	1,086
Kilju County	34	34	0	0	133
Myongchon County	177	177	0	0	690
Hwadae County	108	108	0	0	421
Rason City	4	0	4	0	6
Jagang Province	30	28	2	0	108
Kanggae City	20	18	2	0	73
Huichon City	5	5	0	0	15
Jonchon County	1	1	0	0	4
Songwon County	1	1	0	0	4
Kopung County	3	3	0	0	12
Total	990	714	50	226	3,541

Source: State Committee on Emergency and Disaster Management (SCEDM), Government of DPRK

Summary of the current Response

Overview of Host National Society

In early August, DPRK RCS provincial branches in South Hwanghae, and South and North Hamgyong provinces have activated their Provincial Disaster Response Teams (PDRTs) to be on standby for deployment, possible evacuation and relocation of people from flood affected areas. In addition, the DPRK RCS branches coordinated closely with local authorities in conducting joint emergency operations. The national headquarter (NHQ) was regularly informed and consulted on the situation on the ground and the actions taken by the respective branches. The Disaster Management Department of DPRK RCS NHQ provided guidance and advice to the field teams, supporting their flood response actions. During the torrential rains, the branches deployed 30 PDRT members together with community volunteers (including 162 Red Cross Youth) to ensure the safe evacuation of affected people and to provide first aid services. They assisted in the evacuation of 3,541 people who were marooned in isolated pockets, remote locations, including a number of people injured by collapsing structures.

Immediately after receiving reports of the floods from affected local branches, DPRK RCS activated its floods contingency plan. The contingency plan triggered the deployment of National Disaster Response Teams (NDRTs) to three of the worst impacted areas (Haeju city and Byoksong county, south Hwanghae province) to conduct initial needs and damage assessments. Following the initial assessments, the DPRK RCS Disaster Management Department visited the affected areas in order to gather more information and inform appropriate response decision. Based on the assessments and field visits, the DPRK RCS, in coordination with the IFRC Delegation, has released non-food items¹ (NFIs), from its disaster preparedness stock that is prepositioned across the disaster prone provinces. The NFI package combined with a one-month food ration provided by the government was distributed to the most affected people.



DPRK RCS PDRT members and volunteers conducting rapid needs assessment in flood affected Haeju City, South Hwanghae province, 7 August 2015.
Photo credit: DPRK RCS

Table 2: Summary of NFIs distributed by DPRK RC in the flood affected areas (as of 10 August 2015)

Affected City/ County	No. of families benefitted	No. of persons benefitted	Quilts	Cooking sets	Tarpaulins (plastic sheeting) (4X6m)	Jerry can (20L)	Water purification Tablets	Hygiene kit	Family tent	Shelter tool kit
South Hamgyong Province										
Toksong	32	96	96	32	64	32	0	32	0	0
sub-total	32	96	96	32	64	32	0	32	0	0
North Hamgyong Province										
Kimchaek	291	1,086	1,086	291	582	291	65,160	291	25	25
Kilju	34	133	133	34	68	34	7,980	34		
Myongchon	177	690	690	177	354	177	41,400	177	17	17
Hwadae	108	421	421	108	216	108	25,260	108	10	10
sub-total	610	2,330	2,330	610	1,220	610	139,800	610	52	52
South Hwanghae Province										
Haeju (1st)	36	126	126	36	72	36	7,560	36	0	0
Haeju (2nd)	80	250	250	80	160	80	15,000	80	12	12
Byoksong (1st)	120	420	420	120	240	120	25,200	120	10	10
Byoksong (2nd)	30	100	100	30	60	30	6,000	30	5	5
sub-total	266	896	896	266	532	266	53,760	266	27	27
Grand Total	908	3,322	3,322	908	1,816	908	193,560	908	79	79

The NFIs were dispatched from warehouses and transported to sites where flood affected people were temporarily accommodated with host families. The local branches, in collaboration with government authorities, have responded quickly and distributed NFIs to the affected people the day after the flooding occurred. The NFI distribution is based on affected areas identified by jointly by the government and the DPRK RCS. The DPRK RCS, with the support of the IFRC Delegation is requesting a DREF allocation to support the replenishment of NFIs which have been dispatched from the disaster preparedness stock and distributed to the affected population.

Overview of Red Cross Red Crescent Movement in country

In DPRK, the IFRC and International Committee of the Red Cross (ICRC) both have in-country presence. IFRC works with Partner National Societies (PNSs) through the Cooperation Agreement Strategy² (CAS). In the event of a large

¹ NFIs included tarpaulins, family tents, cooking sets, quilts, hygiene kits, jerry cans, shelter tool kits, water purification tablets

² The CAS members include Australian, British, Canadian, Danish, Finnish, French, Iran, Netherlands, German, Norwegian, Spanish, and Swedish Red Cross together with the International Federation of Red Cross and Red Crescent Societies (IFRC) and the DPRK Red Cross Society. The Red Cross Society of China is likely to join CAS. Affiliates of CAS: Austria, Italy, Japan, Kuwait, Malaysia, New Zealand, Qatar, Republic of Korea, Singapore and Turkey. Observer: ICRC.

scale disaster, the IFRC engages in dialogue with CAS partners to coordinate support for the DPRK RCS through appropriate mechanisms and maintains liaison with the ICRC to coordinate the necessary support to the DPRK RCS in response activities.

Since the onset of the floods, the IFRC Delegation has been closely monitoring and working with the DPRK RCS in responding to the floods situation. Upon the request of the DPRK RCS, the IFRC Delegation immediately approved the release of NFIs from the stock for distribution to the flood affected people on 10 August 2015.

The IFRC Delegation joined the DPRK RCS to conduct a more detailed needs assessment in the flood affected Ri-s and in the outskirts of the affected cities. As the flood situation evolves, the IFRC delegation is extending technical support to the DPRK RCS in preparation of an overall response plan.

The IFRC Delegation has established coordination arrangement and shared information about DPRK RCS relief operation with its East Asia Regional Delegation and Asia Pacific Zone office. In addition, the IFRC Delegation has kept CAS partners informed about the floods situation and actions taken to date.

As an active member of the humanitarian community in DPRK, the IFRC has shared flood situation updates with UN agencies, diplomatic mission, donors and resident INGOs.

Movement Coordination

Several coordination meetings took place between the DPRK RCS and the IFRC Delegation since the floods hit the country., Meetings between the Secretary General (SG), DPRK RCS and the Head of Delegation (HoD), IFRC were held on 8, 17 and 18 August 2015 to ascertain the situation and to discuss the next steps of floods response, decision for a DREF request during the meeting, and subsequently the DPRK RC's floods response plan was also shared with the ICRC.

In addition, technical meetings between the DPRK RCS Disaster Management department and the IFRC DM delegate have been held on a regular basis to discuss operation details.

The IFRC Delegation shared flood situation updates and Red Cross response information with CAS partners on 8 August 2015.

Overview of non-RCRC actors in country

The State Committee on Emergency and Disaster Management (SCEDM) has been collecting and compiling damage information and sharing with the DPRK RCS. The latest flood situation updates are issued by the SCEDM to the DPRK RCS for further dissemination through the IFRC Delegation to the international humanitarian community in DPRK. The Meteorological Bureau has been issuing weather bulletins in provinces exposed to flooding.

The government in collaboration with the DPRK RCS in its roles as auxiliary to the public authorities has been providing humanitarian assistance to flood affected people. With support of the DPRK RCS, the government has provided evacuation, first aid and shelter services to the affected people. The government is providing a one-month food ration which is distributed with the NFIs from the Red Cross to the affected families.

The government has also been leading the provision of materials and technical support in rebuilding collapsed houses, restoring damaged roads, bridges, communications and other infrastructure.

Apart from the government, the Humanitarian Country Team, a high level platform of UN, donors, IFRC, ICRC and INGOs met to discuss the flood situation and review if there is any additional support required. The UN Resident Coordinator is scheduled to meet his government counterpart about the flood situation.

Needs Analysis, Beneficiary Selection, Risk Assessment and Scenario Planning

The DPRK RCS provincial branches in collaboration with local government have conducted an initial assessment in the flood affected areas. The initial assessment identified that the immediate needs of the flood affected people were emergency shelter materials, tool kits to set up makeshift shelters and other NFIs such as jerry cans, sleeping quilts, hygiene kits and cooking sets to support them in temporary shelters. The DPRK RCS quickly mobilized its prepositioned stocks including tarpaulins, cooking sets, jerry cans, hygiene kits, quilts and water purification tablets, and distributed accordingly based on need.

A rapid joint needs assessment was carried out by the DPRK RCS and the IFRC Delegation between 12 and 14 August 2015 in order to assess the scale of damages and suggest further response and recovery actions. The rapid assessment reveals that 3,541 affected people are presently living in the family tents (of which 3,322 have been assisted by the DPRK RCS), with host families or pre identified public facilities, and are unable to return home until

their houses are rebuilt or repaired. People living in these locations do not have proper access to safe drinking water, sanitation facilities, hygiene materials and health care. The potential outbreak of water and vector borne diseases are likely to spread in situations where there is no, or limited access to safe drinking water and adequate sanitation facilities.

Roads, bridges and other public infrastructure need to be repaired to restore communication links and access to school, health care, and acres of livelihoods for communities, etc. Water and sanitation systems need to be rehabilitated in order to prevent an outbreak of water and vector borne diseases. The DPRK RCS is in collaboration with local health institutions in addressing these needs and has been conducting hygiene promotion in the affected areas. The government is also providing support in these areas.

B. Operational strategy and plan

Overall objective

The DREF response operation aims to ensure that immediate humanitarian needs of 908 families (3,322 people) affected by floods in DPRK are met through the provision of emergency shelter and essential household items and hygiene promotion.

Proposed strategy

The DPRK RCS, in coordination with IFRC Delegation, has mobilized and distributed NFIs to 908 flood affected families (3,322 people). This response was based on the initial assessment conducted by DPRK RCS local branches. The post distribution assessment has confirmed that the NFIs distributed were relevant and appropriate to meet the immediate needs of affected people after the onset of the floods. The proposed action seeks support for replenishment of these distributed NFIs (tarpaulins, cooking sets, jerry cans, hygiene kits, quilts and water purification tablets). It is proposed that the Zone Logistics Unit (ZLU) in Kuala Lumpur will support DPRK RCS in the procurement, shipment and delivery of the NFIs.

In addition to NFI replenishment, the DREF support will also cover the costs associated with mobilization of PDRT members, DPRK RCS staff and volunteers who are delivering awareness raising activities and hygiene promotion to mitigate against outbreaks of vector and water borne diseases in the target areas. The DREF operation is planned for 4 months.

Operational support services

Human resources

The DPRK RCS Director of the Disaster Management department has overall operational responsibility to coordinate with logistics and procurement colleagues and report to the Secretary General.

Logistics and supply chain

The Logistics department, in coordination with IFRC DM delegate, will facilitate the shipment, transportation and warehousing of NFIs. The IFRC DPRK Delegation in coordination with DPRK RCS will conduct procurement of NFIs via the Asia Pacific Zone Logistic Unit. The majority of the relief items will be dispatched from the KL warehouse, with the exception of the quilts and water purification tablets which will be sent directly from existing suppliers.

The quilts will be dispatched to Sinuiju where the DPRK RCS will organize delivery to the various warehouses from that point. While the replenishment of water purification tablets will be dispatched by sea due to the volume. It is expected to take up to 3 months for the delivery to the DPRK RCS warehouses. The IFRC Delegation will consult the DPRK RCS in regards to technical specifications of NFIs to ensure they also meet the national standards.

Communications

The DPRK RCS will prepare and share updates on its response with the IFRC Delegation for further circulation to different stakeholders. The IFRC HoD or the DM delegate together with the Secretary General of DPRK RCS will manage communications with the government and external agencies including HCT, DPRK based Sectoral working groups, and general operational updates.

IFRC PMER department will assist in the preparation of updates, stories and reports as required.

Security

The IFRC Delegation is Security Compliant, has standard security procedures in place and the international delegates and local staff are familiar with the security procedures. The DPRK RCS has easy access to the affected areas and

enjoy excellent levels of cooperation with government. Standard Security measures such as fire extinguishers, fire management and evacuation plans are maintained in DPRK RCS warehouses.

Planning, monitoring, evaluation and reporting (PMER)

The DPRK RCS and the IFRC Delegation both have a well-functioning PMER unit to support the development of reports, updates and communication materials as necessary. IFRC Asia Pacific Zone PMER team will extend technical support in issuing monthly updates. A final report will be prepared and submitted after completion of the action.

Administration and Finance

The IFRC Delegation Finance and Admin (FAD) unit will oversee procurement, quality control of NFIs, and all financial matters and reports. The FAD unit in coordination with IFRC Asia Pacific Zone finance and logistics units will extend support and guidance to the DPRK RCS logistics department in the replenishment of NFIs.

Contact information

For further information specifically related to this operation please contact:

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How we work

All IFRC assistance seeks to adhere to the Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations (NGO's) in Disaster Relief and the Humanitarian Charter and Minimum Standards in Disaster Response (Sphere) in delivering assistance to the most vulnerable.

The IFRC's vision is to inspire, encourage, facilitate and promote at all times all forms of humanitarian activities by National Societies, with a view to preventing and alleviating human suffering, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

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The IFRC's work is guided by Strategy 2020 which puts forward three strategic aims:

1. Save lives, protect livelihoods, and strengthen recovery from disaster and crises.
2. Enable healthy and safe living.
3. Promote social inclusion and a culture of non-violence and peace

DREF OPERATION

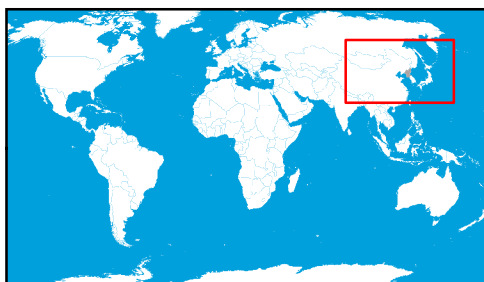
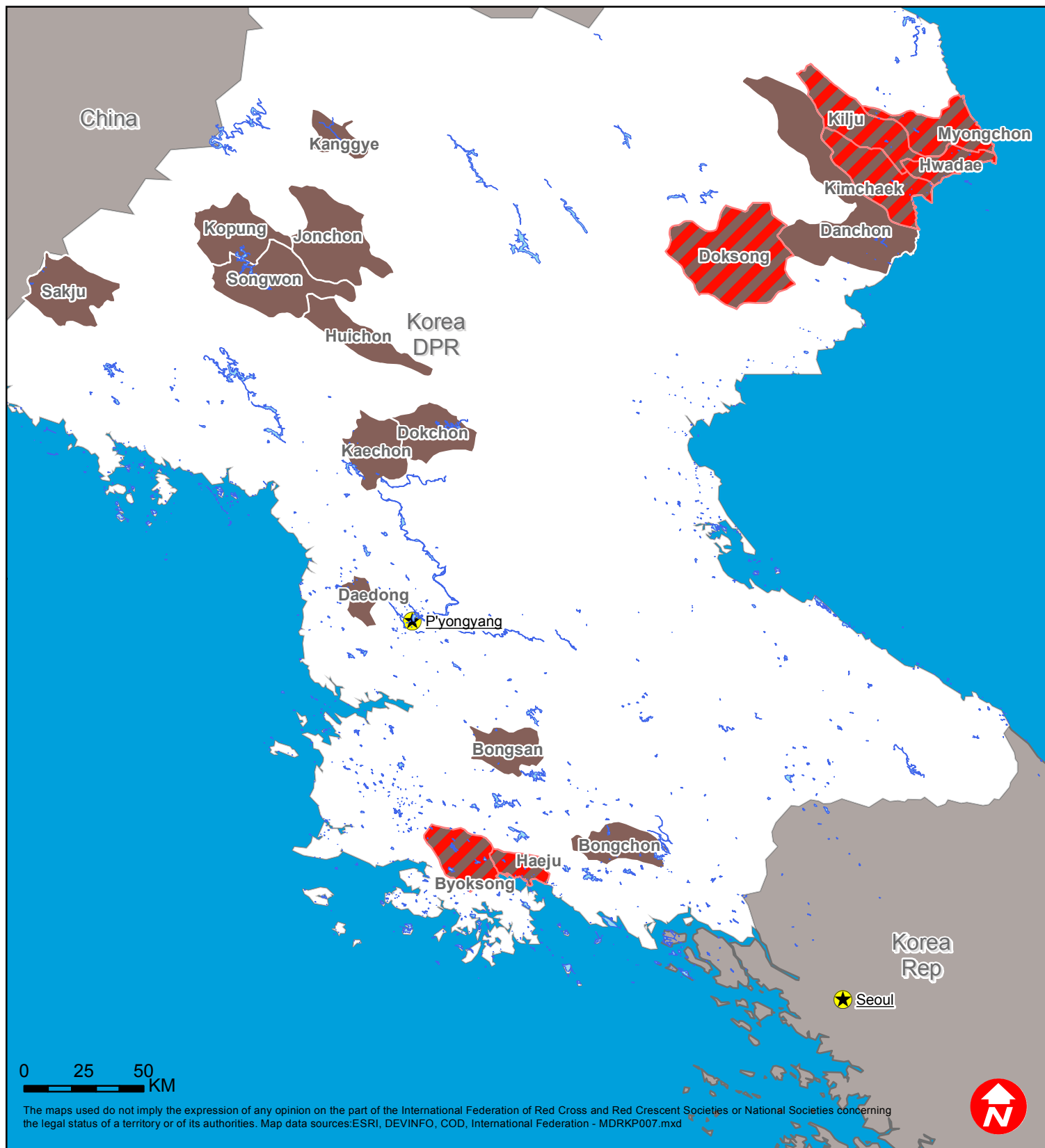
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MDRKP007 DPR Korea : Floods

Budget Group	DREF Grant Budget CHF
Shelter - Relief	56,060
Clothing & Textiles	48,285
Water, Sanitation & Hygiene	20,045
Utensils & Tools	23,660
Total RELIEF ITEMS, CONSTRUCTION AND SUPPLIES	148,050
Distribution & Monitoring	11,506
Transport & Vehicle Costs	1,732
Logistics Services	11,287
Total LOGISTICS, TRANSPORT AND STORAGE	24,525
National Staff	350
National Society Staff	3,500
Total PERSONNEL	3,850
Workshops & Training	12,000
Total WORKSHOP & TRAINING	12,000
Programme and Services Support Recovery	12,248
Total INDIRECT COSTS	12,248
TOTAL BUDGET	200,673



DPR Korea: Floods



- Targeted areas
- Floods affected areas
- Capitals