

TOP SECRET

## CENTRAL INTELLIGENCE AGENCY

WASHINGTON, D.C. 20505

15 September 1977

MEMORANDUM FOR: The Director of Central Intelligence

FROM : William W. Wells  
Deputy Director for Operations

SUBJECT : [REDACTED] Report

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2. Requests for extra copies of this report or for utilization of any part of this report in any other form should be addressed to the originating office.

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William W. Wells

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## Intelligence Information Special Report

COUNTRY USSR, Poland, German Democratic Republic,  
Czechoslovakia  
DATE OF INFO. 5 June 1977

DATE 15 September 1977

SUBJECT

Situation Report on Exercise "ZAPAD [West]-77"  
on 5 June 1977

SOURCE Documentary

### SUMMARY:

This report is a translation from Russian of a Soviet General Staff Document classified TOP SECRET and entitled Situation for the Operations Group of the General Staff of the Polish Armed Forces at 1000 on 5 June 1977. This document provides the mid-point scenario for Exercise "ZAPAD [West]-77", describing the general situation on the third day of combat, the specific situation of the Polish forces and installations and actions in the PPR, the communications situation, and additional data on the enemy. Attachment 1, the situation map is missing. Attachments 2-6 show: 2) damage to Polish installations, 3) data on engineer troops, 4) data on chemical troops, 5) the Polish rear services situation, and 6) flood conditions due to the destruction of dams.

END OF SUMMARY

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GENERAL STAFF OF THE ARMED FORCES OF THE USSR

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"For exercise"

SITUATION

For the Operations Group of the General Staff  
of the Polish Armed Forces  
(At 1000, 5 June)

MAIN OPERATIONS DIRECTORATE

1977

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Deliver at 0800, 3 June

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"For exercise"

SITUATION AT 1000, 5 JUNE

Map 500,000, 1971 edition

I

#### GENERAL SITUATION

1. The "Westerners", after completing operational deployment of the armed forces, unleashed war in Europe at 0400, 3 June, against the Warsaw Pact countries. On the first day, the Allied Air Forces of NATO delivered three massed strikes on the airfields, control posts, naval bases, missile launching sites, air defense means, and troops of the "Easterners", including those moving up to the theater of military operations, as well as on ships, rear services installations, and transportation lines. At the same time, ground forces groupings went over to the offensive and by morning of the third day, 5 June, they had penetrated the territory of the German Democratic Republic and the Czechoslovak Socialist Republic to a depth of 60 to 80 kilometers, with greatest success on the Szczecin, Berlin, Dresden, and Prague axes.

The Federal Republic of Germany has announced the call-up of second category reservists.

The NATO leadership has requested the consent of the president of the USA to place American nuclear warheads at the disposal of the bloc command. The SAC main and airborne command posts of the US Air Force are conducting systematic radio communications checks with missile and air bases, as well as with bombers on airborne alert.

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The NATO Allied Naval Forces are conducting aggressive combat actions in the western and central parts of the Baltic Sea, continuing to lay minefields, blockading the approaches to the Baltic straits, and providing escort for coastal convoys. Naval aviation is delivering bombing-strafting attacks on ship groupings, naval bases, airfields, and concentration points and areas.

Turkish and Greek troops have invaded Bulgarian territory. Separate units of West German and Italian troops are being introduced into Austrian territory.

The governments of China and Spain have expressed support of the aggressive actions of the NATO bloc in official declarations.

2. With the start of "Western" aggression, the "Easterners" carried out an air operation to weaken the missile/nuclear and air groupings of the Northern Army Group, the Central Army Group, the 2d and 4th Allied Tactical Air Forces, and the combined forces in the Baltic straits zone.

The first-echelon armies of the Second and Third Fronts, the 28th Army, and the 7th Army Corps of the National People's Army of the German Democratic Republic are repelling the attacks of superior "Western" forces. On separate axes the "Easterners" have delivered meeting attacks.

Troops of second operational echelon fronts and the reserves of the Supreme High Command are moving up into the areas of operational assignment.

The National Air Defense Forces, in cooperation with the air defense forces and means of the fronts, the Combined Baltic Fleet, and the Warsaw Pact countries, are carrying out an air defense operation to repel "Western" air raids.

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The Combined Baltic Fleet is conducting combat actions to destroy the principal naval forces groupings in the North Sea and the Baltic Sea, assisting the ground forces on the coastal axis, and implementing a blockade of the Baltic straits. Landing ships and vessels are concentrating in the ports of DARLOWO and USTKA.

## II

### SPECIFIC SITUATION

1. Status of military and civilian installations in Polish territory and of troops subordinate to the command of Polish Armed Forces.

In two days of war, as the result of massed air strikes and actions of enemy sabotage groups on the territory of the Polish People's Republic, industrial facilities in a number of major administrative centers have been damaged; obstructions and fires have appeared at installations.

Seven railroad and four highway junctions have been put out of operation for one to three days.

Rail and highway bridges over the Vistula, San, Warta, and Oder rivers are partially damaged.

Dams on the rivers Sola and Dunajec were destroyed on 3 June.

In all the transshipping areas on the Soviet border, railroad stations have been put out of operation and bridges damaged.

In the National Air Defense Forces, seven surface-to-air missile battalions have been put out of action; the air defense fighter aviation has sustained losses.

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At the naval bases of KOLOBRZEG and SWINOUJSCIE, the main base structures and port facilities are damaged.

At central bases and depots, there have been destroyed: ammunition, 1760 tons; fuel, 10,125 tons; rations, 370 tons, and 3000 sets of clothing.

To replenish losses, the General Staff of the Polish Armed Forces has given the front 7500 personnel, 8 operational-tactical missile launchers, 275 tanks, and 53 guns and mortars.

The preparation of reserves continues according to the plan of the General Staff of the Polish Armed Forces.

Destroyed and damaged installations are listed in Attachment No. 1.

2. The "Easterners" are conducting combat actions:

The 7th Army Corps of the National People's Army is repelling attacks of the Allied Army Corps and the 1st Army Corps (Netherlands) and waging hard defensive battles on the line of RIBNITZ-DARMGARTEN, ANKLAM, UECKERMUENDE, TEMPLIN; from 1000, 5 June, by decision of the Commander-in-Chief in the Western Theater of Military Operations, the corps with the sector it occupies is resubordinated to the commander of the First Front. For the boundary line between the 7th Army Corps and the 4th Tank Army of the Second Front, see map.

The Second Front continues repelling the attacks of superior forces of the Northern Army Group, the 3d Army Corps (FRG), and the 5th Army Corps (USA) of the Central Army Group; on the Berlin axis, the troops of the front have withdrawn 50 to 80 kilometers.

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The First Front has completed concentrating in the following areas: 3d Army, GRYFICE (excluded), STARGARD, SZCZECINEK (excluded); 2d Army, RECH-POMORSKIE, STRZELCE-KRAJENSKIE, PILA, GRODEK; and 5th Army, BYTOW, OKONEK, TUCHOLA.

~~The 12th Air Army has carried out regrouping to new basing airfields from which it has been carrying out combat actions for two days according to the air operation plan.~~ Six air army sorties have been carried out, including three for the air operation. Losses are 53 combat aircraft, including five [nuclear weapons] delivery aircraft. Work is being carried on at the airfields of SZCZECINEK, SWIDWIN, and SNIATOWO to restore the runways and taxi strips.

The Fourth and Fifth Fronts are continuing regrouping to the theater of military operations.

Military transport aviation is carrying out preparations for the landing of airborne forces.

✓ The Air Defense Forces of the Polish People's Republic, in cooperation with the air defense troops of the fronts, front fighter aviation, the 5th and 14th Separate Air Defense Armies of the Soviet Army, and the air defenses of the German Democratic Republic and the Czechoslovak Socialist Republic, are repelling the raids of "Western" tactical and carrier-based aviation on troops groupings, transportation centers, airfields, naval bases, and ships at sea and are preventing air strikes on the important administrative and industrial centers within established boundaries. Air defense troops have destroyed 41 enemy aircraft, 20 of these in air battles and 21 with surface-to-air missiles and antiaircraft artillery.

3. The "Westerners" are trying with strong attack groupings on the Szczecin, Berlin, Dresden, and Prague axes to split up the main forces of the "Easterners" and destroy them in detail.

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During combat actions, extensive use of sabotage and reconnaissance groups, tactical landing forces, and also of helicopter units and subunits has been noted, especially by US and Federal Republic of Germany forces.

In actions against transportation lines, bombs with television and laser homing systems have been used extensively, the "Walleye" ASM-62A, MK 82, SV, and MK 84 SV: and against radar stations, the "Shrike" and "Standard ARM" homing guided missiles.

"Western" aviation has delivered strikes against eight air defense fighter regiment basing airfields and six surface-to-air missile battalions.

The position of the troops of both sides is shown on the map.

### III

#### COMMUNICATIONS SITUATION

The wire and radio-relay communications nets of the first operational-tactical echelon have suffered considerable damages and are operating intermittently. Support communications center No. 14, ZAGAN, has been destroyed.

Communications of the Main Command in the theater of military operations with the fronts and armies conducting combat actions are being handled with the use of all types of radio communications and space communications.

Control of troops of the First, Fourth, and Fifth Fronts is being provided over the channels of the field support net, the state communications net of the Polish People's Republic, and over the communications system of the provost and traffic control service on the territory of the Polish People's Republic through the Central Combined Control Posts. Part of the means of the communications center of the First Front Alternate Command Post are assembled in readiness to move into a new area.

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Radio operation among the troops of these fronts is prohibited except for the radio nets of aerial reconnaissance, warning, and control of air defense means when repelling enemy air raids, as well as the ultra-shortwave radio nets of the provost and traffic control service.

The actions of enemy aviation in the regrouping zone have knocked out the radio-relay center at TORUN, the tropospheric radio-relay center at SWINOUJSCIE, and the state communications centers at WROCLAW, OPOLE, and LOWICZ.

Communications troops in the formations making the regrouping have had losses of two to three percent in personnel and four to five percent in communications equipment.

#### IV

#### ADDITIONAL DATA ON THE ENEMY

All types of reconnaissance have established that:

-- the nuclear carrier "Nimitz" and the carrier "Saratoga" are cruising 20 miles north of the Orkney Islands and 90 miles southwest of CORK, respectively;

-- enemy aviation is operating from the airfields of KIEL, LUBECK, PARCHIM, ROTENBURG (F-104G), STENDAL ("Harrier"), ERFURT, PFERDSFELD (F-111), INGOLSTADT (F-104C), and ERDING;

-- in the area of Newfoundland, tactical aviation groups are being refueled in the air;

-- submarines, surface strike groups, and naval base aviation are operating in the eastern and central parts of the Baltic Sea;

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-- at 1428 to 1442 [hours], 4 June, the mobile control post of the NATO Supreme Command conducted a communications check with 20 radio stations of the mobile field nuclear warheads supply points of the 514th Artillery Group and with 17 radio stations of the 548th Artillery Group;

-- at the naval bases and ports of BREMERHAVEN, NORDENHAM, and OSTENDE, the unloading of combat equipment and weapons has been observed; up to 10 large tankers have arrived at the POL unloading points of ROTTERDAM, ANTWERP, and HANSVEERT. A reserve communications system has been activated on the military pipeline system.

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#### REFERENCE DATA

Meteorological, physical geographical, and astronomical conditions are the actual ones.

Short- and long-term forecasts, meteorological reports, and bulletins are to be worked out by the staffs involved in the exercise.

VI

The list of situation problems to be worked out is as decided by the Minister of National Defense.

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ATTACHMENTS

1. Map of the situation at 1000, 5 June (separate).
2. List of installations on the territory of the Polish People's Republic, mb No. 9/4783, two pages, SECRET.
3. Data on engineer troops, mb No. 9/4784, one page, SECRET.
4. Data on chemical troops, mb No. 9/4785, one page, SECRET.
5. Rear services situation, mb No. 9/4786, two pages, TOP SECRET.
6. Flooding conditions, mb No. 9/4795, one page, SECRET.

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"For exercise"

Attachment No. 2

LIST

of installations on the territory of the  
Polish People's Republic subjected to enemy action  
(Situation at 1000, 5 June)

Installation	Means of destruction	Nature of damages
Administrative-industrial centers, naval bases, airfields		
Warsaw, Lodz, Krakow Poznan	Aviation	Destruction of public buildings and housing. Fires have developed Individual military industrial plants have lost 15 to 18 percent of production capacity.
Naval bases and ports: SZCZECIN, SWINOUJSCIE, DZIWNOW, GDANSK, GDYNIA	Aviation, sabotage groups	Main base structures and port facilities damaged; 9 vessels, one drydock, and one floating dock destroyed.
Airfields: Debica, Zegrze Pomorskie, Miroslawiec, Kolobrzeg, Swidwin, Debrzno	Aviation	17 aircraft, 4 POL depots of 1000 tons total capacity, 1.2 aerial bomb units of fire, 1 S-5 free rocket unit of fire, 59 pieces of special equipment of the separate airfield technical servicing battalion, 6 radio and radio-relay stations, 4 pieces of flight support equipment of the <u>ODSRT0</u> destroyed.

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Installation	Means of destruction	Nature of damages
Szczecinek, Goleniow, Sniatow	Aviation	Air technical equipment depot destroyed (Goleniow). Takeoff and landing possible on unimproved strips only.
Transportation and hydrotechnical facilities		
Transshipping areas	Aviation	Braniewo and Korsze stations destroyed. Bridge damaged in area of Terespol. Approximate restoring time 1 - 2 days.
Rail junctions: Chojnice, Krzyz, Leszno, Poznan, Lodz, Wroclaw, Krakow	Aviation	Partially damaged. Traffic interruption of up to one day.
Railroad bridges: -on the Vistula: Grudziadz, Torun, Deblin;  -on the Oder: Szczecin, Kostrzyn, Glogow	Aviation	Partially damaged. Traffic interruption of 1 to 3 days.
Road junctions: Pila, Karlino, Bialystok, Karkow;  Poznan, Wroclaw, Kutno, Lodz, Kalisz	Aviation	Barriers formed. Possible restoring time up to 2 days.  Destroyed for 10 to 20 hours.

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Installation	Means of destruction	Nature of damages
<p>Road bridges:</p> <p>-on the Vistula: Wloclawek, Plock, Wyszogrod, Nowy Dwor Mazowiecki, Warsaw (two), Deblin, Pulawy, Annopol, Sandomierz, Baranow (ferry), Szczucin, Krakow;</p> <p>-on the Oder: Wroclaw (two), Glogow, Olawa;</p> <p>-on the San: Ulanow;</p> <p>-on the Warta: Gorzow Wielkopolski, Oborniki;</p> <p>-on the Notec: Naklo</p>	<p>Aviation sabotage groups</p>	<p>Permanent bridges partially damaged. Up to 20 percent of river sections of floating bridges destroyed.</p>
<p>Dams: "Tresna" on the Sola, "Czorsztyń" and "Roznow" on the Dunajec</p>	<p>Aviation, sabotage groups</p> <p>DIRECTING BODY</p>	<p>Inundation of flood plain as far as Deblin. Ferries on the Vistula washed away. Crossing impeded in this sector.</p>

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Attachment No. 3

DATA ON ENGINEER TROOPS

Enemy air strikes on the first day of the war destroyed the bridges over the river Vistula in the areas of WLOCLAWEK, PLOCK, WYSZOGROD, NOWY DWOR-MAZOWIECKI, WARSAW (two bridges), DEBLIN, PULAWY, ANNOPOL, SANDOMIERZ, BARANOW, SZCZUCIN, and the ferry crossing at TARNOBRZEG; and over the river Oder at WROCLAW (two bridges). The dams "TRESNA", on the river Sola, and "CZORSZTYN" and "ROZNOW", on the river Danajec, were destroyed.

On the second day of the war, the permanent bridges over the river Vistula at GORA KALWARIA and the floating bridge on the river Danajec in the area 10 kilometers south of TARNOW were destroyed. Thirty percent of the river sections of floating bridges have been destroyed at NIESZAWA, PULAWY, ZAKROCZYM, DEBNO, SANDOMIERZ, and TARNOBRZEG; permanent bridges over the Oder have been destroyed at GLOGOW, WROCLAW (one bridge), and OLAWA.

The road junctions at POZNAN, WROCLAW, KUTNO, LODZ, and KALISZ are destroyed for 10 to 20 hours.

Engineer troops of the Polish Armed Forces continue to maintain crossings over the river Vistula in the areas of WLOCLAWEK, PLOCK, ZAKROCZYM, PULAWY, DEBNO, ZAWICHOST, and NIEKURZA.

Engineer troops of the Soviet Army are:

-- maintaining crossings in areas 5 kilometers south of CZCHOW, 10 kilometers north of GRUDZIADZ, 15 kilometers west of TORUN, NIESZAWA, and OLAWA, and on the Dunajec 10 kilometers south of TARNOW;

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-- preparing and maintaining routes:  
from the border to the line of the river Vistula north  
of Warsaw, by the 8th Road and Bridge Engineer Brigade;  
from the border to the line of CZESTOCHOWA and KRAKOW,  
by the 9th Road and Bridge Engineer Brigade.

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Attachment No. 4

DATA ON CHEMICAL TROOPS

1. Large units and units of chemical troops in readiness to fulfil chemical support tasks are carrying out regrouping as part of the front.

Plotting of nuclear bursts in support of the Polish Armed Forces from the lines of the river Oder will be done by forces of the Second Front.

2. Troops are provided with chemical troop equipment and troop protective means according to T/O&E requirements. The 1001st and 1801st FPKhs [Front Forward Chemical Depots] and the 1601st FTKhs [Front Rear Chemical Depot] in the complement of the 10th and 18th FPB [Front Forward Base] and the 16th FTB [Front Rear Base] are supplied in accordance with established supply norms.

3. In line units, up to 1.5 percent of the radiation and chemical reconnaissance vehicles and up to two percent of the special decontamination treatment vehicles need repair.

4. Losses of the chemical troop large units and units in personnel, chemical troop equipment, and protective means amount to 1.5 percent.

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Attachment No. 5

POLISH ARMED FORCES REAR SERVICES SITUATION AT 1000, 5 JUNE

The Polish Armed Forces rear services, after completing the deployment of the rear services large units and units and facilities of the Center and of operational formations of the branches of the armed forces, are providing material-technical and medical support for the movement of troops of the First Front to the area of operational assignment and for the combat actions of aviation, naval forces, and National Air Defense Forces.

Railroad and motor transport is carrying out shipments of material to troops and replenishing reserves at the field bases of the operational formations.

Railroad and motor road technical support forces are doing restoration work on destroyed facilities and supporting the movement of the Fourth and Fifth Fronts. At the same time the buildup of forces and means continues on the most important transportation axes of the country.

Deployment of the hospital bed network of medical facilities and their removal from large cities to out-of-town areas continues.

As a result of enemy air action, stations are out of operation and bridges have been damaged in all the transshipping areas on the border with the USSR. On the Polish People's Republic side, the stations of BRANIEWO and KORSZE have been destroyed. The expected time of restoration is one to two days.

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The railroad junctions of CHOJNICE, KRZYZ, LESZNO, POZNAN, LODZ, WROCLAW, and KRAKOW; the railroad bridges over the river Vistula near GRUDZIADZ, TORUN, and DEBLIN, and those over the river Oder near SZCZECIN, KOSTRZYN, and GLOGOW are partially damaged. Traffic is interrupted for one to three days.

Motor vehicle road bridges are damaged over the river Vistula near GRUDZIADZ, PLOCK, MODLIN STARY, GORA KALWARIA, ANNOPOL, SANDOMIERZ, SZCZUEIN, and KRAKOW; over the river San near ULANOW; over the river Warta near GORZOW WIELKOPOLSKI and OBORNIKI, and over the river Notec at NAKLO.

There are obstructions and fires on the road junctions at PILA, KARLINO, BIALYSTOK, and KRAKOW. The possible time for the restoration of the destroyed facilities is up to two days.

Losses in personnel are two percent; in rear services equipment, two percent; and in material, two to three percent.

Medical treatment and evacuation measures are being carried out at troop disposition sites and in cities and inhabited localities subjected to enemy air strikes.

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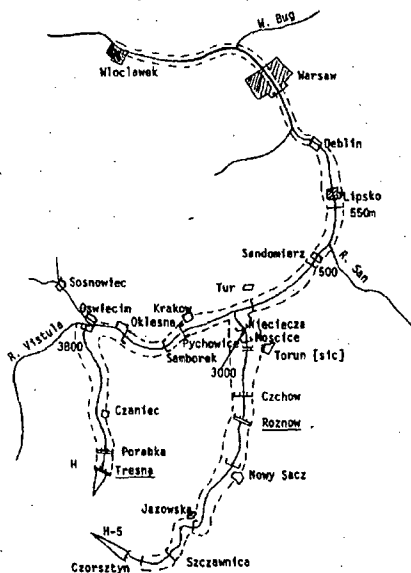
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FLOODING CONDITIONS ON THE RIVER VISTULA  
UPON DESTRUCTION OF THE DAMS TRESNA ON THE RIVER SOLA  
AND CZORSZTYN AND ROZNOW ON THE RIVER DUNAJEC

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Attachment No. 5



POINTS OF OBSERVATION  FLOODING CONDITIONS	R. Vistula											
	Tresna Dam	Mouth of Sola	Krakow	Czorsztyn Dam	Roznow Dam	Czarniec Dam	Mosice	Wielecza	Mouth of Dunajec	Tur	Sandomierz	Lipisko
	R. Sola			R. Dunajec				R. Vistula				
	Distance to hydrosystem, km	40	107	85	98	132	154	166	180	255	310	
Width of flooding, meters	3800	1000		1100	1300	2875	3000	1600	850	500	950	
Height of wave, meters	5	5		17.5	11	7	6.7	6.5	7.5	5	3	
Average speed of current, m/sec	2	-		5.4	5.4	2.5	1.8	2.3	2.7	2.5	2	
Arrival time of wave front, hr	1.7	5.4		3	3.5	4.5	5.5	6	7	15	22	
Duration of flooding, hr	20.5	105		77	95.5	127	148	177	210	-	-	

Time of dam demolition

Tresna - D  
Czorsztyn - D + 5 hr  
Roznow - D + 5 hr

Note:

Upon destruction of the Tresna Dam and arrival of the crest of the wave, the dams at Porabka, Czarniec, and Laczewy on the river Vistula will be destroyed or heavily damaged, as will be the bridges on the river Sola and on tributary sectors. Ferry crossings on the river Vistula will be washed away. The observable increase of the width, depth, and current in the channel of the Vistula all the way down to Wloclawek Reservoir will be similar to average high water conditions.

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