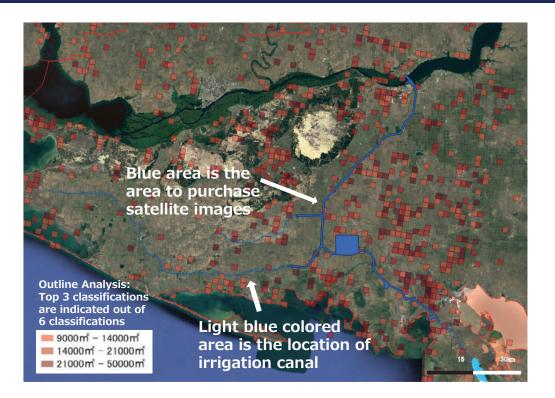
Annex 2.2.9

Location and Map Number in the Selected Irrigation Scheme

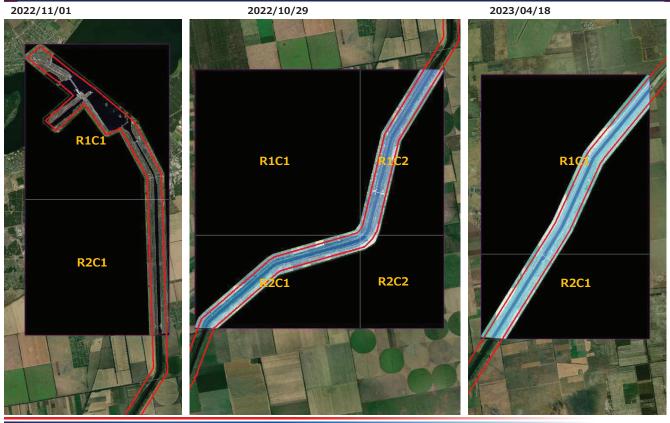
Location and Map Number in the Selected Irrigation Scheme

North Crimean Canal



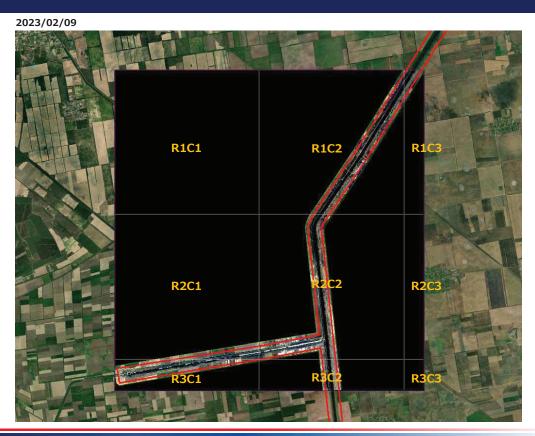
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North Crimean Canal



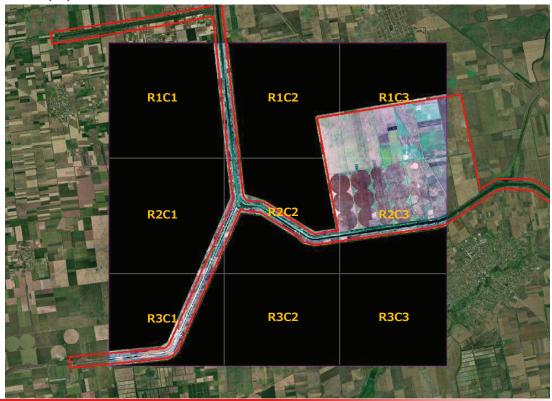
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North Crimean Canal



North Crimean Canal

2022/10/24



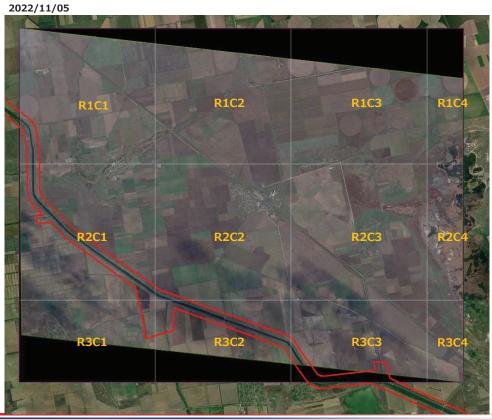
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North Crimean Canal

2023/05/06



North Crimean Canal



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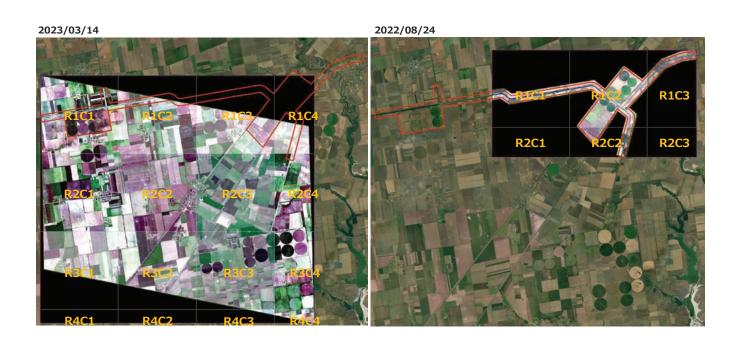
North Crimean Canal



Kakhovka Canal



Kakhovka Canal



Kakhovka Canal





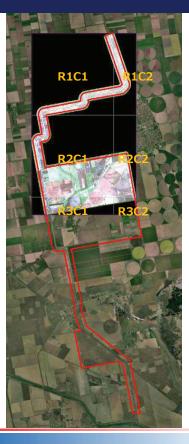
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Kakhovka Canal

2022/11/05



2022/11/01



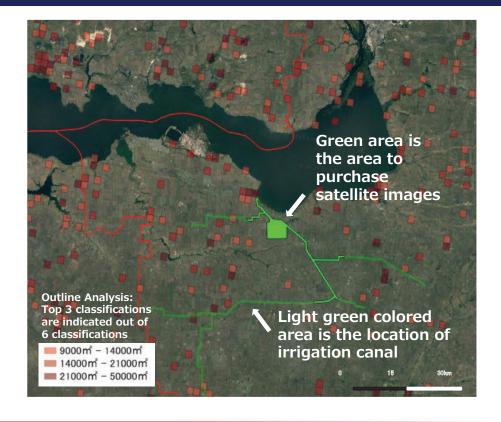
Kakhovka Canal



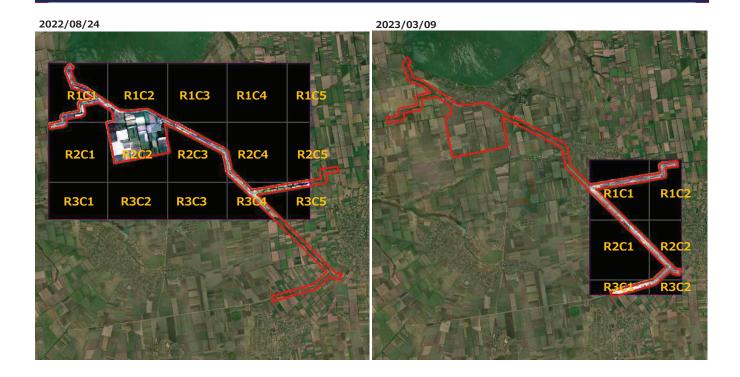


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Zaporizhzhia Canal

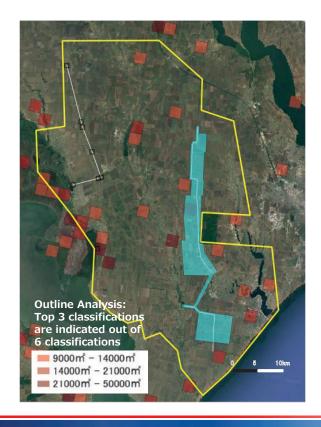


Zaporizhzhia Canal



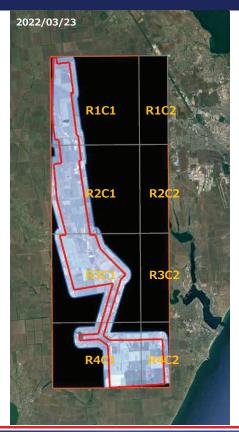
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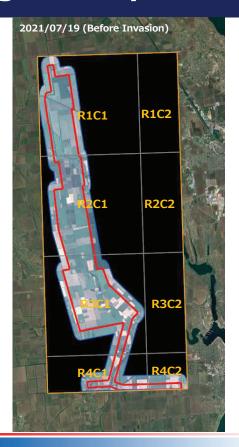
Lower Dniester Irrigation System



OLight blue area is the area to purchase satellite images OWhite colored area is the location of irrigation canal

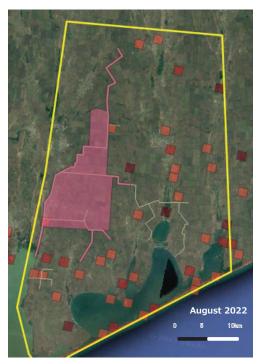
Lower Dniester Irrigation System





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Danube-Dniester Irrigation System



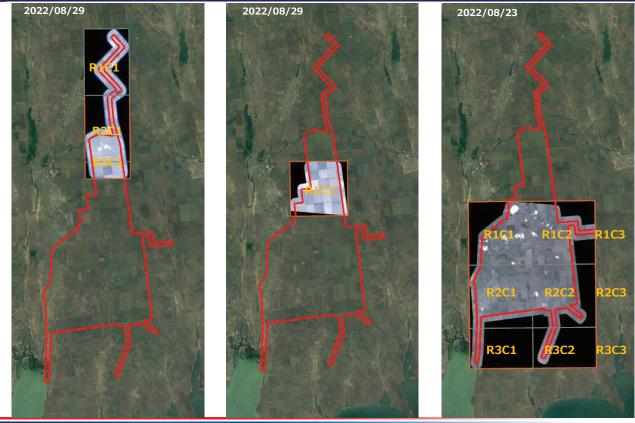


ORed and orange area is the area to purchase satellite images. OWhite colored area is the location of irrigation canal

Outline Analysis: Top 3 classifications are indicated out of 6 classifications

- 9000m² 14000m² 14000m² - 21000m²
- 21000m² 50000m²

Danube-Dniester Irrigation System



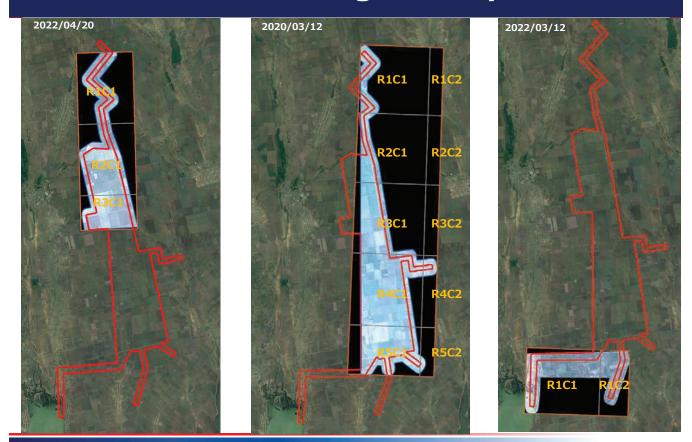
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Danube-Dniester Irrigation System



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Danube-Dniester Irrigation System



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Annex 2.2.10

Result of Manual Verification

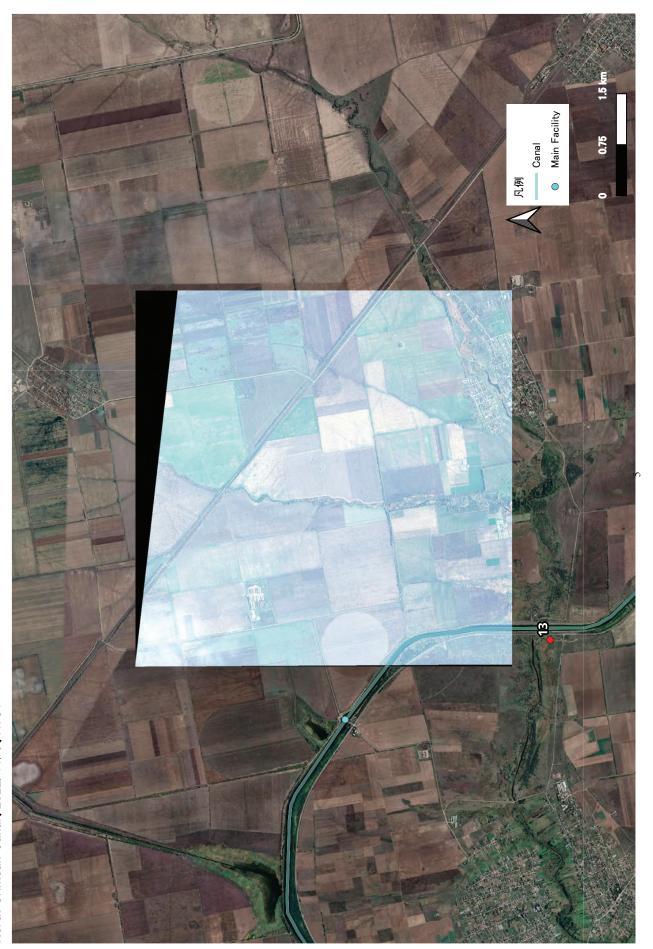
Annex. 2.2.10 Result of Manual Verification

Irrigation Scheme	Date	Image	Availability of Satellite Image	Result
North Crimean Canal				No damage from the Russian invasion was confirmed at the Kakhovka
	20221101	R1C1	0	Dam, but there were traces of what appeared to be trenches dug near
				the dam embankment.
				No damage from the Russian invasion was observed in the canal and
	20221101	R2C1	0	bridges, but traces of what appeared to be trenches dug near the road
				were observed.
	20221105	R1C1	0	There were no damage from the Russian invasion visually.
	20221105	R1C2	0	There were no damage from the Russian invasion visually.
	20221105	R1C3	0	There were no damage from the Russian invasion visually.
	20221105	R1C4	0	There were no damage from the Russian invasion visually.
			_	No damage from the Russian invasion was observed in the canal, but
	20221105	R2C1	0	traces of what appeared to be trenches dug near the canal were
				observed.
	20221105	R2C2	0	No damage from the Russian invasion was observed in the canal, but
				traces of military use were observed in facilities near the city center.
	20221105	R2C3	0	There were no damage from the Russian invasion visually.
	20221105	R2C4	0	No damage from the Russian invasion was observed in the canal, but
			_	an aircraft was observed next to the reservoir.
				No damage from the Russian invasion was observed in the canal, but
	20221105	R3C1	0	traces of what appeared to be trenches dug near the canal were
	20224405	D2.C2		observed.
	20221105	R3C2	0	The bridge on the main canal was found to have been destroyed.
	20221105	R3C3	0	No damage from the Russian invasion was observed in the canal, but an increase in flow rate was observed.
	20221105	R3C4	0	There were no damage from the Russian invasion visually.
	20231103	R1C1	0	There were no damage from the Russian invasion visually.
				No damage from the Russian invasion was observed in the canal, but
	20230506	R1C2	0	vehicle tracks were observed in the fields.
	20230506	R1C3	0	There were no damage from the Russian invasion visually.
	20230506	R1C4	_	,
				No damage from the Russian invasion was observed in the canal, but
	20230506	R2C1	0	traces of what appeared to be trenches dug near the canal were
				observed.
	20230506	R2C2	0	There were no damage from the Russian invasion visually.
			_	No damage from the Russian invasion was observed in the canal, but
	20230506	R2C3	0	traces of what appeared to be trenches dug near the canal were
				observed.
	20230506	R2C4	0	There were no damage from the Russian invasion visually.
	20230506	R3C1	_	
	20230506	R3C2	_	
	20230506	R3C3	_	
	20230506	R3C4	0	There were no damage from the Russian invasion visually.
	20221019	R1C1	_	,
	20224040	D4.63		No damage from the Russian invasion was observed in the canal, but
	20221019	R1C2	0	vehicle tracks were observed in the fields.
[20221019	R2C1	0	No damage from the Russian invasion was observed in the canal, but
				vehicle tracks were observed in the fields.
	20221019	R2C2	0	There were no damage from the Russian invasion visually.
	20221024	R1C1	0	There were no damage from the Russian invasion visually.
	20221024	R1C2	0	There were no damage from the Russian invasion visually.
	20221024 20221024	R1C3	0	There were no damage from the Russian invasion visually. There were no damage from the Russian invasion visually.
	20221024	R2C1		No damage from the Russian invasion visually.
	20221024	R2C2	0	traces of what appeared to be trenches dug near the canal were
	20221027	11202		observed.
	20221024	R2C3	0	There were no damage from the Russian invasion visually.
	20221024	R3C1	0	There were no damage from the Russian invasion visually.
	20221024	R3C2	_	
	20221024	R3C3		
[20230209	R1C1	_	
[20230209	R1C2	0	There were no damage from the Russian invasion visually.
	20230209	R1C3	0	There were no damage from the Russian invasion visually.
	20230209	R2C1	_	
	20230209	R2C2	0	No damage from the Russian invasion was observed in the canal, but
				there were traces of vehicle traffic and military use in the fields.
	20230209	R2C3	_	There were no demons from the Division investor visually
	20230209	R3C1	0	There were no damage from the Russian invasion visually.
	20230209 20230209	R3C2 R3C3	0	There were no damage from the Russian invasion visually.
	20230209	R1C1	0	An increase in flow rate was observed.
ı l	20230211	MICI		paramerease an now race was observed.

Irrigation Scheme	Date	Image	Availability of Satellite Image	Result
North Crimean Canal	20230211	R1C2	0	The increase in flow rate and evidence of entrenchment in the field
				near the canal were observed.
	20230211	R1C3	0	There were no damage from the Russian invasion visually.
	20230211	R2C1		
	20230211 20230211	R2C2 R2C3	0	There were no damage from the Russian invasion visually.
	20230211	NZCS	0	No damage from the Russian invasion was observed in the canal, but
	20230418	R1C1	0	traces of what appeared to be trenches dug near the canal were
				observed.
	20230418	R2C1	0	There were no damage from the Russian invasion visually.
Kakhovka Canal	20220824	R1C1	0	There were no damage from the Russian invasion visually.
	20220824	R1C2	0	There were no damage from the Russian invasion visually.
				No damage from the Russian invasion was observed in the canal, but
	20220824	R1C3	0	evidence of military use was observed in the facility next to the canal.
	20220824	R2C1	_	
	20220824	R2C1	0	There were no damage from the Russian invasion visually.
	20220824	R2C3	_	There were no dumage from the Russian invasion visually.
	20230314	R1C1	0	There were no damage from the Russian invasion visually.
	20230314	R1C2	0	There were no damage from the Russian invasion visually.
	20230314	R1C3	0	There were no damage from the Russian invasion visually.
	20230314	R1C4	0	There were no damage from the Russian invasion visually.
	20230314	R2C1	0	There were no damage from the Russian invasion visually.
	20230314	R2C2	0	The evidence of military use was observed in the plots.
	20230314	R2C3	0	There were no damage from the Russian invasion visually.
	20230314 20230314	R2C4 R3C1	0	There were no damage from the Russian invasion visually. The evidence of military use was observed in the plots.
	20230314	R3C2	0	There were no damage from the Russian invasion visually.
	20230314	R3C3	0	There were no damage from the Russian invasion visually.
	20230314	R3C4	0	There were no damage from the Russian invasion visually.
	20230314	R4C1	_	
	20230314	R4C2	_	
	20230314	R4C3	0	There were no damage from the Russian invasion visually.
	20230314	R4C4	0	There were no damage from the Russian invasion visually.
	20230307	R1C1	0	There were no damage from the Russian invasion visually.
	20230307	R1C2	0	There were no damage from the Russian invasion visually. No damage to canals, bridges, or other structures caused by the
	20230307	R2C1	0	Russian invasion was confirmed, but traces of trenches and vehicle
	20230307	NZCI		traffic were observed in the fields near the canals.
	20230307	R2C2	0	There were no damage from the Russian invasion visually.
	20230307	R3C1	0	There were no damage from the Russian invasion visually.
	20230307	R3C2	_	
				No damage from the Russian invasion was observed in the canal, but
	20221214	R1C1	0	vehicle tracks and deformation were observed in the fields near the
				canal.
	20221214	R1C2	0	There were no damage from the Russian invasion visually.
	20221214	R1C3	0	No damage from the Russian invasion was observed in the canal, but traces of what appeared to be trenches dug near the canal were
	20221214	KICS		observed.
	20221214	R1C4	0	There were no damage from the Russian invasion visually.
	20221214	R2C1	0	There were no damage from the Russian invasion visually.
	20221214	R2C2	_	,
	20221214	R2C3	0	There were no damage from the Russian invasion visually.
	20221214	R2C4	_	
	20221214	R3C1	0	There were no damage from the Russian invasion visually.
	20221214	R3C2	_	
	20221214	R3C3	0	No damage from the Russian invasion was observed in the canal, but
	20221214	R3C4	_	vehicle tracks were observed in the fields near the canal.
	20221214	R4C1	0	There were no damage from the Russian invasion visually.
	20221214	R4C1	_	mere mere no damage from the Russian invasion visually.
	20221214	R4C3	0	There were no damage from the Russian invasion visually.
	20221214	R4C4	_	,
	20221101	R1C1	0	There were no damage from the Russian invasion visually.
	20221101	R1C2	0	There were no damage from the Russian invasion visually.
	20221101	R2C1	0	There were no damage from the Russian invasion visually.
				No damage due to the Russian invasion was observed in the canal, but
	20221101	R2C2	0	traces of military use were observed in the field.
	20224404	D2C4		There were no demage from the Durater invades visually
	20221101 20221101	R3C1 R3C2	0	There were no damage from the Russian invasion visually. There were no damage from the Russian invasion visually.
	20221101	R1C1	0	There were no damage from the Russian invasion visually.
I	20221103			mere were no damage from the nassian invasion visually.

Irrigation Scheme	Date	Image	Availability of Satellite Image	Result
Kakhovka Canal	20221105	R1C2	0	The canal was not damaged by the Russian invasion, but traces of
				military use could be observed in the fields near the canal.
	20221105	R2C1	0	There were no damage from the Russian invasion visually.
	20221105 20221105	R2C2 R3C1	0	There were no damage from the Russian invasion visually. There were no damage from the Russian invasion visually.
	20221105	R3C2	0	There were no damage from the Russian invasion visually.
	20221105	R4C1	0	There were no damage from the Russian invasion visually.
	20221105	R4C2	0	There were no damage from the Russian invasion visually.
	20221015	R1C1	0	There were no damage from the Russian invasion visually.
	20221015	R1C2	_	
	20221015	R1C3	_	
	20221015	R1C4	_	
	20221015	R2C1	0	There were no damage from the Russian invasion visually.
	20221015	R2C2	_	
	20221015	R2C3	_	
	20221015 20221015	R2C4 R3C1	_ O	There were no damage from the Russian invasion visually.
	20221015	R3C2	0	There were no damage from the Russian invasion visually.
	20221015	R3C3	0	There were no damage from the Russian invasion visually.
	20221015	R3C4	0	There were no damage from the Russian invasion visually.
	20220731	R1C1	0	There were no damage from the Russian invasion visually.
	20220731	R1C2	0	There were no damage from the Russian invasion visually.
	20220731	R2C1	0	There were no damage from the Russian invasion visually.
	20220731	R2C2	0	No damage from the Russian invasion was observed in the canal, but
	20220731	RZCZ	U	traces of military use was observed in the fields near the canal.
	20220731	R3C1	0	There were no damage from the Russian invasion visually.
	20220731	R3C2	0	There were no damage from the Russian invasion visually.
Zaporizhzhia Canal	20220824	R1C1	0	There were no damage from the Russian invasion visually.
	20220824	R1C2	0	There were no damage from the Russian invasion visually.
	20220824	R1C3	_	
	20220824 20220824	R1C4	_	
	20220824	R1C5 R2C1	0	There were no damage from the Russian invasion visually.
	20220824	R2C2	0	There were no damage from the Russian invasion visually.
	20220824	R2C3	0	There were no damage from the Russian invasion visually.
	20220824	R2C4	0	There were no damage from the Russian invasion visually.
	20220824	R2C5	_	,
	20220824	R3C1	_	
	20220824	R3C2	_	
	20220824	R3C3	_	
	20220824	R3C4	0	No damage from the Russian invasion was observed at the canal and pumping station, but traces of trenches and vehicle traffic were observed in the fields near the canal.
	20220824	R3C5	0	No damage from the Russian invasion was observed at the canal, but traces of entrenchment were observed in the field near the canal.
	20230309	R1C1	0	No damage from the Russian invasion was observed at the canal and pumping station, but traces of entrenchment and vehicle traffic were observed in the field near the canal.
	20230309	R1C2	0	No damage from the Russian invasion was observed at the canal and pumping station, but traces of entrenchment and vehicle traffic were observed.
	20230309	R2C1	0	No damage due to the Russian invasion was observed at the canal, but traces of trenches and vehicle traffic were observed.
	20230309	R2C2	0	No damage from the Russian invasion was observed in the canal or bridge, but traces of trenches and vehicle tracks were observed in the field near the canal.
	20230309	R3C1	0	There were no damage from the Russian invasion visually.
	20230309	R3C2	0	There were no damage from the Russian invasion visually.
Lower Dniester	20220323	R1C1	0	There were no damage from the Russian invasion visually.
Irrigation System	20220323	R2C1	0	There were no damage from the Russian invasion visually.
	20220323	R3C1	0	There were no damage from the Russian invasion visually.
	20220323	R4C1	0	There were no damage from the Russian invasion visually.
	20220323	R1C2	_	
	20220323	R2C2	_	
	20220323	R3C2	_ 0	There were no damage from the Russian invasion visually
Danube-Dniester	20220323 20220829	R4C2 R1C1	0	There were no damage from the Russian invasion visually. There were no damage from the Russian invasion visually.
Irrigation System	20220829	R2C1	0	There were no damage from the Russian invasion visually.
	20220829	R3C1	0	There were no damage from the Russian invasion visually.
	20220829	R1C1	0	There were no damage from the Russian invasion visually.
	20220823	R1C1	0	There were no damage from the Russian invasion visually.
!				

Irrigation Scheme	Date	Image	Availability of Satellite Image	Result
Danube-Dniester	20220823	R2C1	0	There were no damage from the Russian invasion visually.
Irrigation System	20220823	R3C1	0	There were no damage from the Russian invasion visually.
	20220823	R1C2	0	There were no damage from the Russian invasion visually.
	20220823	R2C2	0	There were no damage from the Russian invasion visually.
	20220823	R3C2	0	There were no damage from the Russian invasion visually.
	20220823	R1C3	_	
	20220823	R2C3	_	
	20220823	R3C3	_	
	20221227	R1C1	0	There were no damage from the Russian invasion visually.
	20221227	R2C1	0	There were no damage from the Russian invasion visually.
	20221227	R3C1	0	There were no damage from the Russian invasion visually.
	20221227	R4C1	0	There were no damage from the Russian invasion visually.
	20221227	R1C2	0	There were no damage from the Russian invasion visually.
	20221227	R2C2	0	There were no damage from the Russian invasion visually.
	20221227	R3C2	0	There were no damage from the Russian invasion visually.
	20221227	R4C2	0	There were no damage from the Russian invasion visually.
	20221227	R1C1	0	There were no damage from the Russian invasion visually.
	20221227	R2C1	0	There were no damage from the Russian invasion visually.
	20221227	R1C2	0	There were no damage from the Russian invasion visually.
	20221227	R2C2	_	
	20221227	R1C3	0	There were no damage from the Russian invasion visually.
	20221227	R2C3	_	
	20221228	R1C1	0	There were no damage from the Russian invasion visually.
	20221228	R2C1	0	There were no damage from the Russian invasion visually.



North Crimean Canal, 2022/11/5, R1C1



North Crimean Canal, 2022/11/5, R1C2





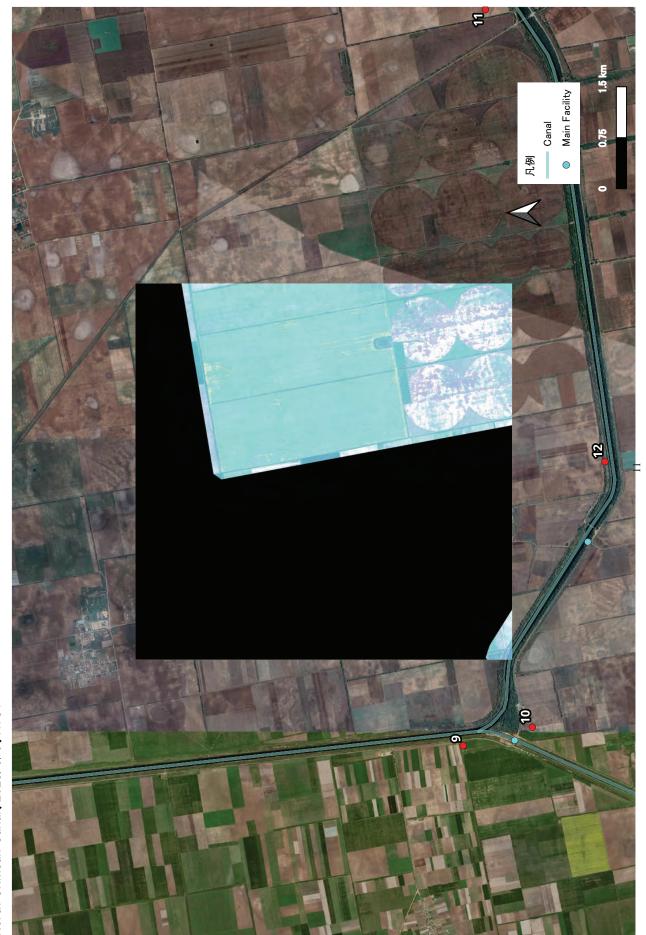
North Crimean Canal, 2022/11/5, R1C4



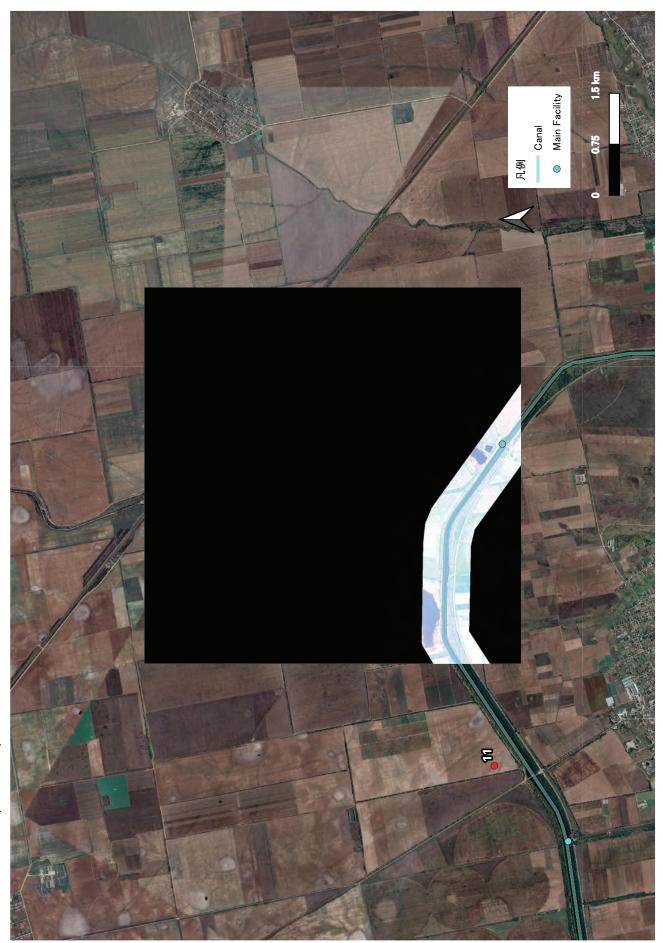
North Crimean Canal, 2022/11/5, R2C3



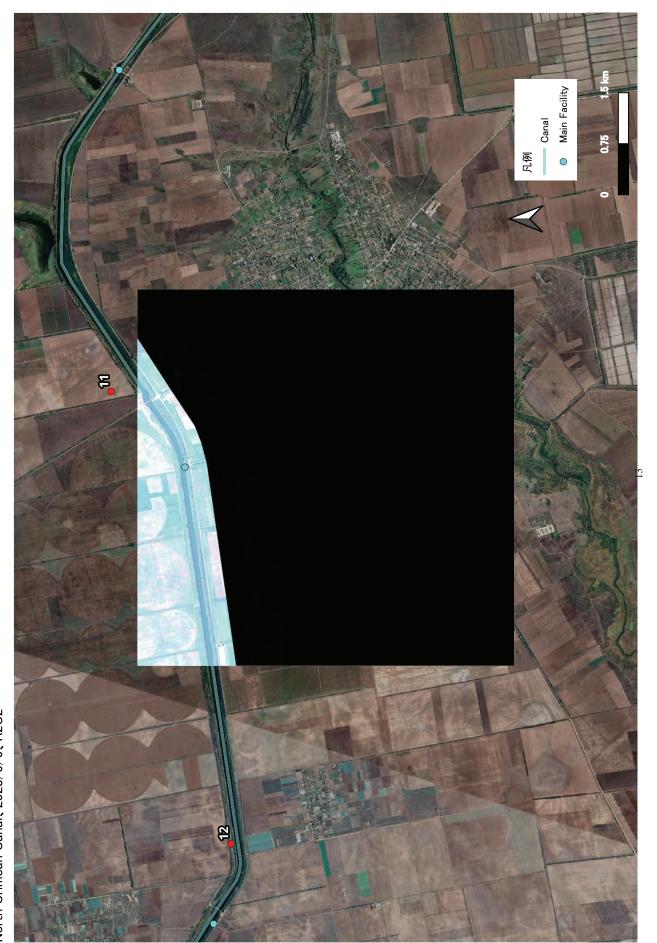
North Crimean Canal, 2022/11/5, R3C4



North Crimean Canal, 2023/5/6, R1C1



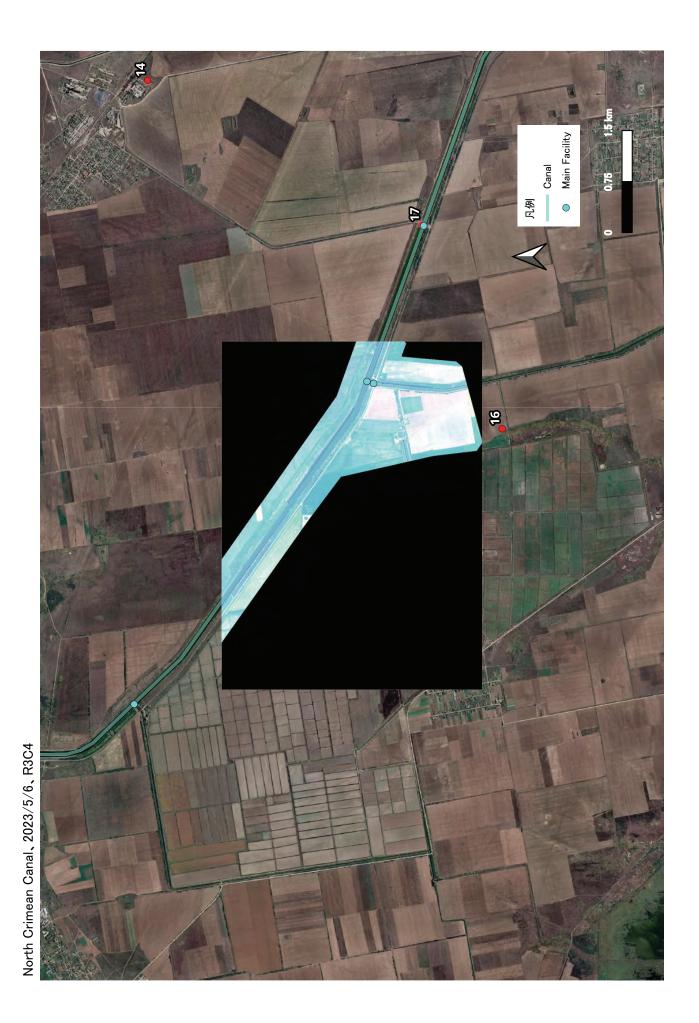
North Crimean Canal, 2023/5/6, R1C3



North Crimean Canal, 2023/5/6, R2C2

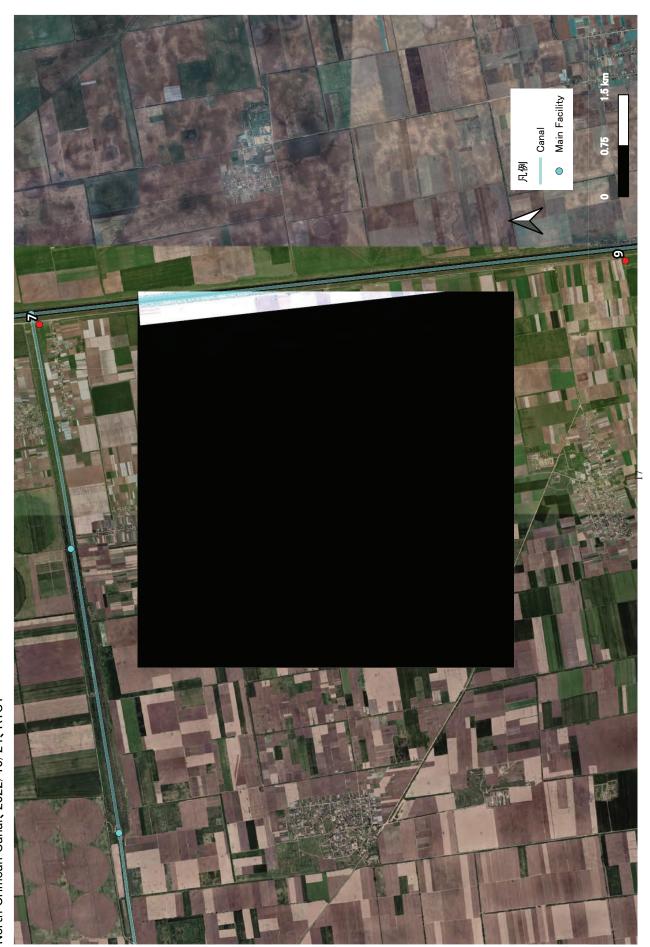


North Crimean Canal, 2023/5/6, R2C4

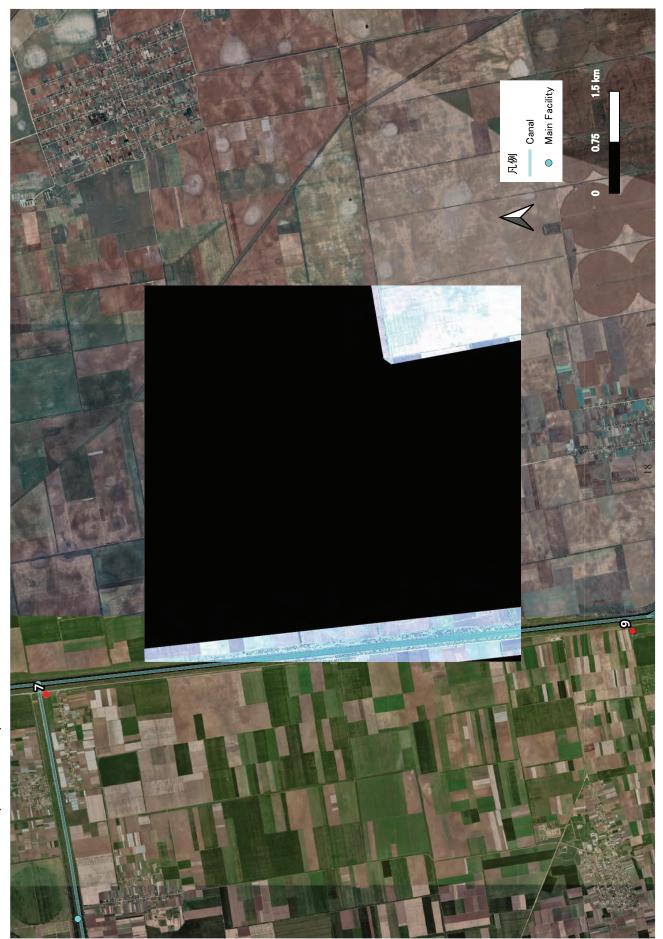




North Crimean Canal, 2022/10/19, R2C2

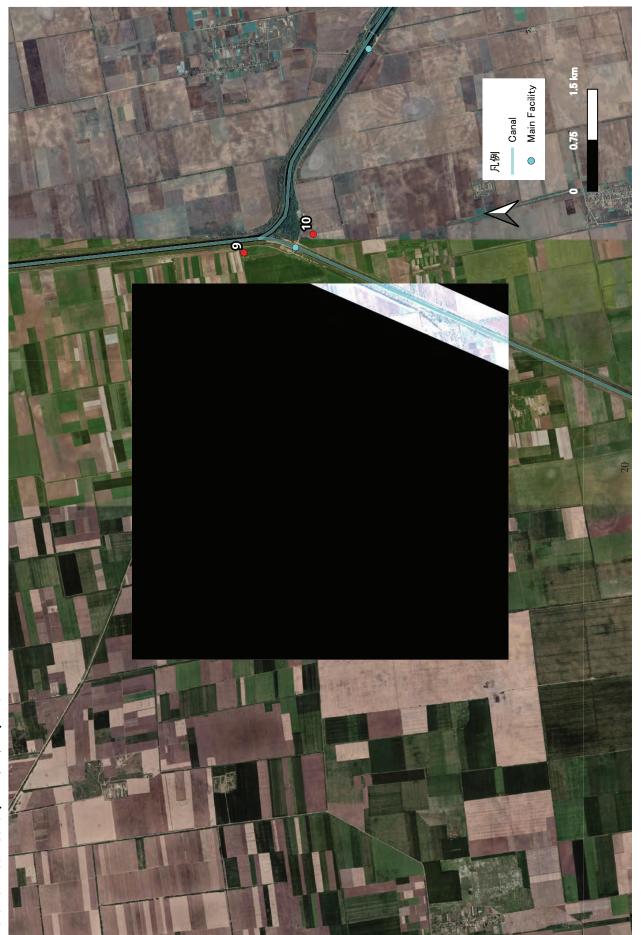


North Crimean Canal, 2022/10/24, R1C1

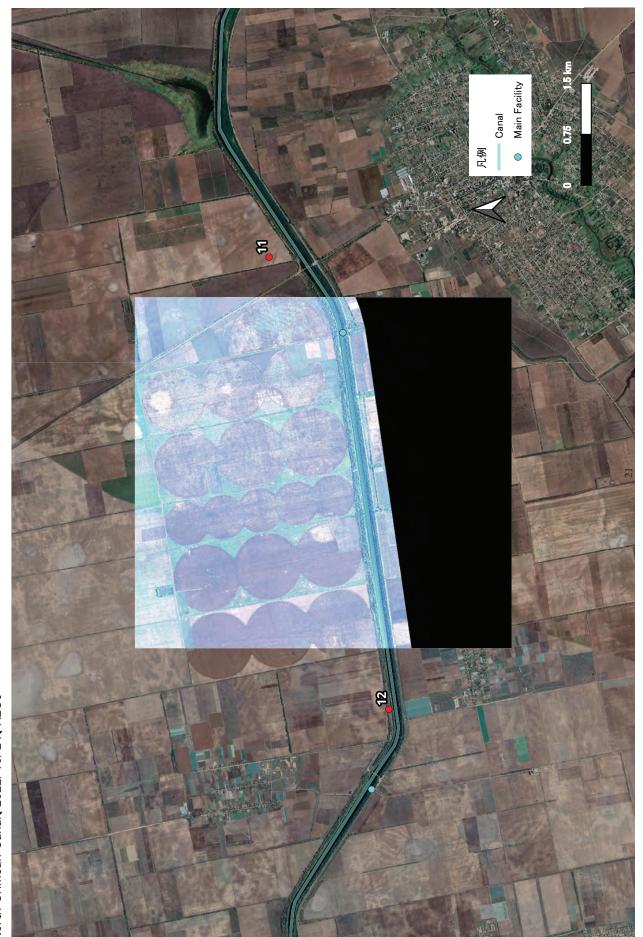


North Crimean Canal, 2022/10/24, R1C2





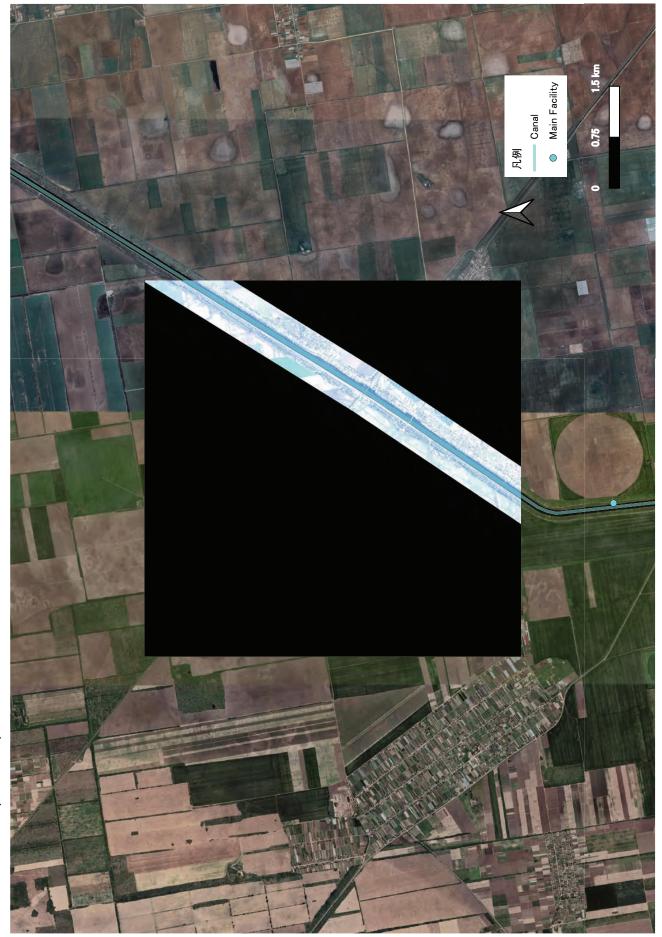
North Crimean Canal, 2022/10/24, R2C1



North Crimean Canal, 2022/10/24, R2C3



North Crimean Canal, 2022/10/24, R3C1



North Crimean Canal, 2023/2/9, R1C2



North Crimean Canal, 2023/2/9, R1C3



North Crimean Canal, 2023/2/9, R3C1