



[Previous Planned Service Outage Summary](#)

Planned Service Outage Summary – April 2024

(Posted - April 19, 2024)

Date of Notice Posting	Group/ Point	Group # /POI Impacted	Direction of Flow	Normal Operating Capacity	Gas Days beginning at 9 a.m. Estimated Operating Capacity during outage																													
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Market Area					Pipeline Maintenance																													
2/22/2024	Beatrice North	832	D	2000	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750		
Field Area					Pipeline Maintenance																													
2/22/2024	Field to Demarc	831	D	1627	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300			
4/12/2024	Beaver North	1025	D	975	Station Maintenance 840 840																						Station Maintenance 840 840 840							
	Beaver C & Beaver North	1080	D	532	464 464																						506 506 506							
	Brownfield North	1022	D	536	473 473																						530 530 530							
	Pampa North	1023	D	532	429 429																						506 506 506							
	Beaver C. System	31	R	425	350 350																						300 300 300							
1/29/2024	Spraberry 12-inch	601	D	321	Station Maintenance 254 254 254 254																								Station Maintenance 261 261 261 261					
	Spraberry 16-inch	1112	D	201	134 134 134 134																													
1/29/2024	Sunray High	32	R	325											Station Maintenance ¹ 161 161 161 161																			
	Sunray Low	10	R	61											0 0 0 0																			
	ETC Sunray Plant	58676	R	80											0 0 0 0																			
3/27/2024	Sunflower Kansas No. 1	50350	D	28	Pipeline Maintenance ² 0 0 0 0														Pipeline Maintenance ² 0 0 0 0															
	Holcomb Burdett	5	D	100	0 0 0 0														0 0 0 0															

Description of Notice Posting Date

No shading: Existing Planned Service Outage

Green shading: New Planned Service Outage/Force Majeure

Yellow shading: Updated/Revised Planned Service Outage

Gray shading: Returning to normal operating capacity levels

Direction of Flow

R = Receipt

D = Delivery

Impact to Primary Firm Service

Black font: Primary firm service will not be impacted

Blue font: Northern does not anticipate primary firm service will be impacted

Red font: Northern anticipates primary firm service will be impacted

Footnote

¹Station Maintenance: During the outage, Northern will not have operational flexibility to increase receipts in Sunray Low (Group 10)

²During this time, Hanston, Kansas (POI 55882) and Burdett, Kansas (POI 57559) will not be included in the Holcomb Burdette Allocation Group.

All operating capacity is stated in 1,000's Dth/day
The operating capacities include the total of both transportation and operational storage capacity. Any unused operational storage capacity can be used for transportation volumes on a daily basis. Should conditions require Northern to use more of the operational storage capacity than anticipated, the operating capacities available for transportation will be reduced.



[Previous Planned Service Outage Summary](#)

Planned Service Outage Summary – May 2024

(Posted - April 19, 2024)

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					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Market Area																																					
4/19/2024	Ventura South	735	D	1126	Station Maintenance																																
3/6/2024	Viking/NNG Pierz ITE	61667	R	75	0 0																																
	Viking/NNG Pierz ITE	61667	D	36	0 0																																
					See Footnote 1																																
4/19/2024	Galena East	463	D	333																																	
	Belleville East	488	D	225																																	
					Pipeline Maintenance																																
4/19/2024	Beatrice North	832	D	2000	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350
3/6/2024	TBPL Beatrice	1318	R	450	Pipeline and Station Maintenance See Footnote 2																																
Field Area																																					
4/19/2024	Field to Demarc	831	D	1627	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	950	950	950	950	950	950	950	950	950	950	950	950	900	900	900	900	900	900	900	900	900	900	900
					Station Maintenance																																
4/2/2024	Beaver North	1025	D	975	700	700	Station Maintenance																														
	PEPL/NNG Mullinville	173	R	80	0	0	750 750																														
	ANR/NNG Greensburg	179	D	80	0	0	0 0																														
					Station Maintenance																																
4/2/2024	Spraberry 12-inch	601	D	321	261 261 261 261																																
	Spraberry 16-inch	1112	D	201	254																																
4/2/2024	Spraberry Station	602	R	90	134																																
					Pipeline Maintenance																																
					65 65																																

Description of Notice Posting Date
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 Yellow shading: Updated/Revised Planned Service Outage
 Gray shading: Returning to normal operating capacity levels

Direction of Flow
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 D = Delivery

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 The operating capacities include the total of both transportation and operational storage capacity. Any unused operational storage capacity can be used for transportation volumes on a daily basis. Should conditions require Northern to use more of the operational storage capacity than anticipated, the operating capacities available for transportation will be reduced.

Impact to Primary Firm Service
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Footnote
¹Northern will schedule primary volumes at Viking/NNG Pierz ITE (POI 61667) to the extent that available capacity exists for Northern to physically flow receipt and delivery volumes at Viking Chisago/Isanti (POI 196) and Viking/NNG Polk ITE (POI 62983). Primary volumes at Viking/NNG Pierz ITE will be scheduled prior to alternate volumes at Viking Chisago/Isanti.
²Station maintenance: Northern will be performing scheduled station maintenance at the Beatrice, Nebraska compressor station. During this time, the receipt capacity at TBPL/NNG Beatrice (POI 1318) will not be reduced; however, increased pressure during the outage may hinder the upstream pipeline from delivering the full capacity during the outage. Northern will be working with the point operator to mitigate potential customer impact. If the point operator is unable to perform its scheduled commitment, Northern may have to allocate receipt volumes to equal physical flows.



Planned Service Outage Summary – June 2024

(Posted - April 19, 2024)

Date of Notice Posting		Group / Point		Group # / POI Impacted		Direction of Flow		Normal Operating Capacity		Gas Days beginning at 9 a.m.																													
										Estimated Operating Capacity during outage																													
										The dates indicated below are the anticipated days for the maintenance and modifications to be performed and completed. Dates with gray shading represent weekends or ICE trading holidays.																													
Market Area										1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Ventura South		735	D	1126	Pipeline and Station Maintenance																																
3/6/2024		Viking Chisago/Isanti		196	R	80	500	500	500	500	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	500	500	500			
		Viking Chisago/Isanti		196	D	80	See Footnote 3																																
3/6/2024		Earlville East		487	D	631	Pipeline Maintenance																																
		Beatrice North		832	D	2000	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300				
3/6/2024		TBPL Beatrice		1318	R	450	Pipeline and Station Maintenance See Footnote 2																																
Field Area										1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3/6/2024		Field to Demarc		831	D	1627	Pipeline Maintenance																																
4/2/2024		Sunray High		32	R	325											Station Maintenance			Station Maintenance ¹																			
		Sunray Low		10	R	61											270 270 270			270 270 270 270 270 270 270 270 270 270 270 270 270 270 270 270 270 270 270																			
		Spraberry 12-inch		601	D	321	Station Maintenance																																
		Spraberry 16-inch		1112	D	201	0 0																																
4/2/2024		Spraberry Station		602	R	90	65 65																																
		Mitchell to Gaines		825	R	434											Station Maintenance			Station & Pipeline Maintenance																			
		Beaver North		1025	D	975											428 428			385 385 385 385																			
		Beaver C & Beaver North		1080	D	520											840 840			700 700 700 700																			
		Brownfield North		1022	D	530											439 439			401 401 401 401																			
		Pampa North		1023	D	485											450 450			411 411 411 411																			
		Beaver C System		31	R	425											404 404			366 366 366 366																			
																	375 375			250 250 250 250																			
4/2/2024		Oasis Bakersfield Pecos Co.		79340	D	200	Station Maintenance																																
							0 0																																

Description of Notice Posting Date
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Footnote
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²Station maintenance: Northern will be performing scheduled station maintenance at the Beatrice, Nebraska compressor station. During this time, the receipt capacity at TBPL/NNG Beatrice (POI 1318) will not be reduced; however, increased pressure during the outage may hinder the upstream pipeline from delivering the full capacity during the outage. Northern will be working with the point operator to mitigate potential customer impact. If the point operator is unable to perform its scheduled commitment, Northern may have to allocate receipt volumes to equal physical flows.
³Station Maintenance: Northern will schedule primary volumes at Viking Chisago/Isanti (POI 196) to the extent that available capacity exists for Northern to physically flow receipt and delivery volumes at Viking/NNG Pierz ITE (POI 61667) and Viking/NNG Polk ITE (POI 62983). Primary volumes at Viking Chisago/Isanti will be scheduled prior to alternate volumes at Viking/NNG Pierz ITE.

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[Previous Planned Service Outage Summary](#)

Planned Service Outage Summary – July 2024

(Posted - April 19, 2024)

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					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Market Area					The dates indicated below are the anticipated days for the maintenance and modifications to be performed and completed. Dates with gray shading represent weekends or ICE trading holidays.																														
3/6/2024 Ventura South 735 D 1126					Pipeline Maintenance																														
					500	500	500	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	
3/6/2024 Earville East 487 D 631					Pipeline Maintenance																														
					485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	
3/6/2024 Beatrice North 832 D 2000					Pipeline Maintenance																														
					1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	
Field Area																																			
3/6/2024 Field to Demarc 831 D 1627					Pipeline Maintenance																														
					900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	
3/6/2024 Beaver North 1025 D 975					Station Maintenance																														
					750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750		
					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3/6/2024 Sunray High 32 R 325					Station Maintenance ¹																														
					270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270		
					61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	
3/6/2024 Sunray Low 10 R 61																																			
					61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	

Description of Notice Posting Date

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[Previous Planned Service Outage Summary](#)

Planned Service Outage Summary – August 2024

(Posted - April 19, 2024)

Date of Notice Posting	Group/ Point	Group # / POI Impacted	Direction of Flow	Normal Operating Capacity	Gas Days beginning at 9 a.m. Estimated Operating Capacity during outage																														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Market Area					The dates indicated below are the anticipated days for the maintenance and modifications to be performed and completed. Dates with gray shading represent weekends or ICE trading holidays.																														
					Pipeline Maintenance																														
3/6/2024	Earlville East	487	D	631	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	
					Pipeline Maintenance																														
3/6/2024	Beatrice North	832	D	2000	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	
Field Area																																			
					Pipeline Maintenance																														
3/6/2024	Field to Demarc	831	D	1627	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150		
					Station Maintenance ¹																														
3/6/2024	Sunray High	32	R	325	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270			
	Sunray Low	10	R	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61		

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Market Area					1	2	3	4	5	6	7	8	9	10	11	12	12	14	14	16	17	18	19	19	21	22	23	24	25	26	26	28	29	30			
					Station Maintenance ²																																
3/6/2024	Viking Chisago/Isanti	196	R	80																																	
	Viking Chisago/Isanti	196	D	80																																	
					Pipeline Maintenance																																
3/6/2024	Beatrice North	832	D	2000	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Field Area					1	2	3	4	5	6	7	8	9	10	11	12	12	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
					Pipeline Maintenance																																
3/6/2024	Field to Demarc	831	D	1627	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	
					Station Maintenance ¹																																
3/6/2024	Sunray High	32	R	325	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	
	Sunray Low	10	R	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	

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[Previous Planned Service Outage Summary](#)

Planned Service Outage Summary – October 2024

(Posted - April 19, 2024)

Date of Notice Posting	Group/ Point	Group # / POI Impacted	Direction of Flow	Normal Operating Capacity	Gas Days beginning at 9 a.m. Estimated Operating Capacity during outage																														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Market Area					Pipeline Maintenance																														
3/6/2024	Beatrice North	832	D	2000	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950		
Field Area					Pipeline Maintenance																														
3/6/2024	Field to Demarc	831	D	1627	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500		
					Station Maintenance ¹																														
3/6/2024	Sunray High	32	R	325	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270			
	Sunray Low	10	R	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61			

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