

Figure 1: The Rolling Plains (RPWIP) target area consists of the counties shaded in brown. Borden County is also included in the target area.

NOTE: BN=Borden, MI= Mitchell, SC= Scurry, FI= Fisher, NL= Nolan, JN= Jones, HS= Haskell, KN= Knox, BY= Baylor RECON=Reconnaissance

Rolling Plains								
2025 Flight Summary								
May								
Date	Number	Call Sign	Takeoff	Landing	Duration (Minutes)	BIP	Hygro	Seeded
5/25/2025	1	2X	2107	2309	122	5	0	Bandera, Fisher, Jones
5/29/2025	2	2X	0016	0124	68	5	0	Mitchell
SubTotal					190	10	0	
Total					190.00	10	0	
June								
Date	Number	Call Sign	Takeoff	Landing	Duration (Minutes)	BIP	Hygro	Seeded
6/10/2025	3	2X	1950	2154	124	11	0	Fisher, Scurry, Borden
6/11/2025	4	2X	1943	2104	81	5	0	Nolan
6/26/2025	5	2X	2202	2357	115	9	0	Borden
6/30/2025	6	2X	1859	2133	155	26	4	Fisher, Scurry, Borden, Nolan, Mitchell, Knox, Haskell
SubTotal					155	26	4	
Total					345.00	36	4	
July								
Date	Number	Call Sign	Takeoff	Landing	Duration (Minutes)	BIP	Hygro	Seeded
7/1/2025	6	2X	2225	2324	59	10	4	Mitchell, Nolan
SubTotal					59	10	4	
Total					404.00	46	8	
September								
Date	Number	Call Sign	Takeoff	Landing	Duration	BIP	Hygro	Seeded
SubTotal					0.00	0	0	
Total					404.00	46	8	



Rolling Plains Water Improvement Program RPWIP – Stamford, TX
Seeding Report – May 25, 2025

Synoptic/Mesoscale Conditions:

Visible satellite imagery reveals a field of expanding and vertically developing cumulus clouds across the Low Rolling Plains and Caprock region. This activity is situated near a surface wind shift that curves westward from southwestern Oklahoma toward the I-27 corridor between Amarillo and Lubbock. A triple point is currently located near Plainview, where the dryline extends south into the Permian Basin. Surface observations indicate a moist environment, with dewpoints ranging from 65 to 70°F east of I-27 into the Low Rolling Plains. Strong daytime heating is also underway, with temperatures climbing to near 90°F around Lubbock and into the lower 80s farther north, near the Texas–southwest Oklahoma border.

Short-range models suggest that the remaining convective inhibition east of the triple point will dissipate over the next 1 to 3 hours. Once storms initiate in this area, the environment—characterized by very high instability (MLCAPE values between 3500–4500 J/kg)—will support rapid and intense thunderstorm development. Wind profiles show strong directional shear, which, despite only moderate mid-to-upper level southwesterly winds, will support the development of supercells early on. Steep lapse rates between 700–500 mb will favor the production of large to potentially giant hailstones. In addition, low-level easterly flow behind the boundary will enhance storm-relative helicity and increase the potential for tornadoes.

Lifting Mechanism:

Thermodynamic Indices -12Z KMAF Sounding

Freezing Level (m)	4818	-15°C Height (m)	6690
Precipitable Water (inches)	1.44	CAPE (J/Kg)	1728
LCL	1208	CINH (J/Kg)	-
CCL (m)	2076	LI(°C)	-5.36
MAF ICA	1.56	PB	5.5
Cloud Base (meters)	2271	MAF ICA	-
Warm Cloud Depth (meters)	2547	Cloud Base Temp (°C)	-

Discussion:

Pilot launched and in air headed to Borden County where a few isolated showers have developed. Upon arrival, the storm grew in intensity with lightning visible on radar. Upon arrival, pilot found/reported good inflows and seeded cell 1 over Borden County. Next the pilot headed to a cell to the east, northeast of Snyder in Fisher County. Here, cell 2 was seeded. Next, the pilot headed to a small shower/blip on radar in Jones County near Roby. Pilot reported that the cell was short and had small tops and bases. But the cell was just large enough to seed, so cell 3 was seeded over Jones County. Additional cell formed to the north of Colorado City but there wasn't much to them. Pilot then RTB.

Watches/Warnings: Tornado Watch.

Seeded Cell ID's:

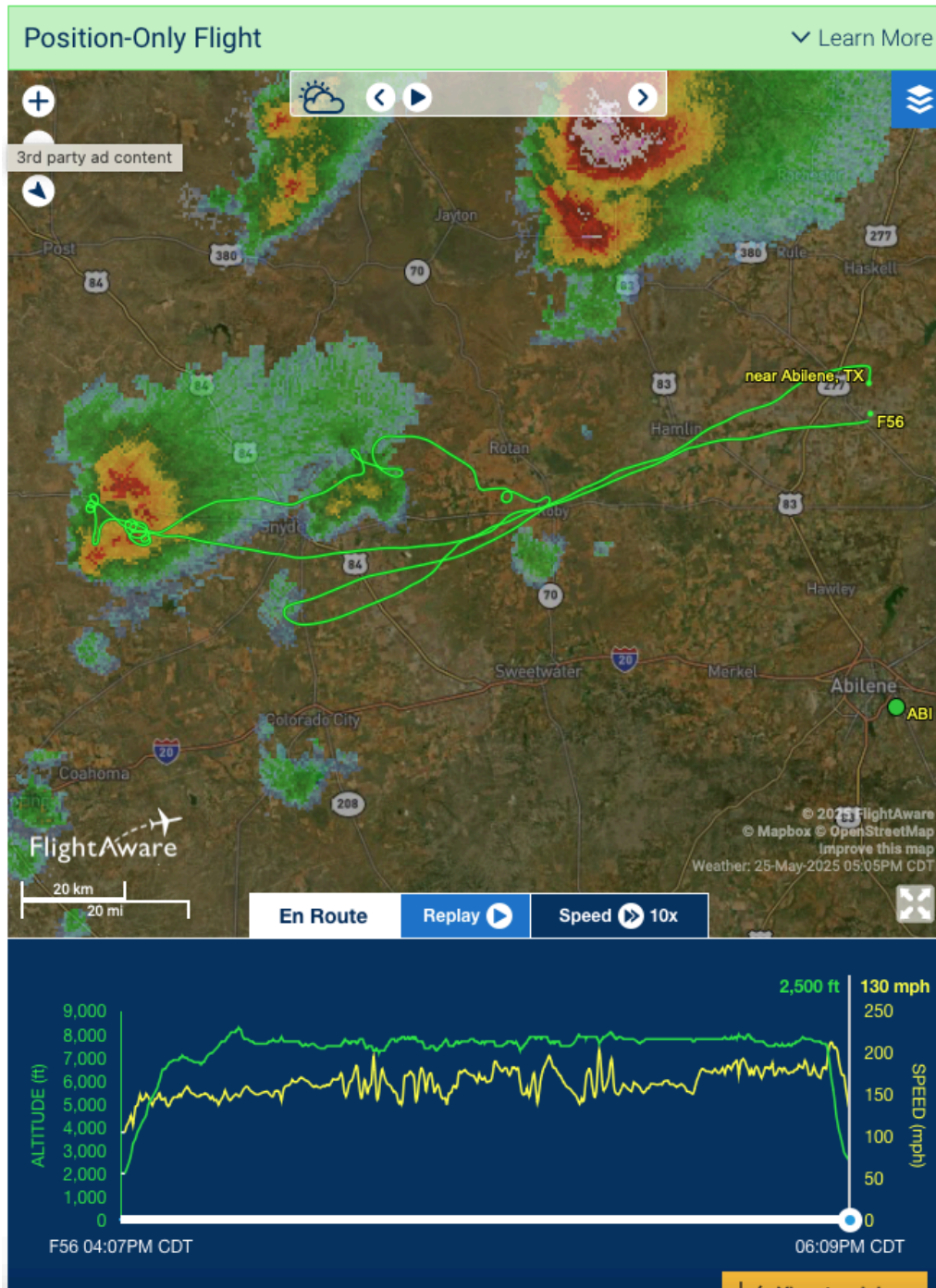
1	2	3								
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Flight Information:

TIME (Z)	Plane	Flare Location	County
2107	2X	In Air	
2144	2X	32.43X101.12	Borden
2149	2X	32.42X101.11	Borden
2156	2X	32.44X101.18	Fisher
2213	2X	32.50X100.46	Jones
2304	2X	RTB	

Seeding operations were conducted over Borden (2G+0H), Fisher (2G+0H) and Jones (1G+0H) County. 5 glaciogenic flares and 0 hygroscopic flares were burned within 3 clouds. This is the day for seeding in May and the day for seeding during the season.

** Note- 1 glaciogenic flare = 5.5 grams AgI and 1 hygroscopic flare = 500 grams NaCl **



Flight 1: 2X

Operations For: 05/25/2025					Cloud Parameters					Doses		
Time	Plane	Radial Location	County	Cell #	DBZ	VIL	Tops	F	Cloud Base Height	Glaciogenic	Hygroscopic	Inflow
2107	2X	In Air										
2144	2X	32.43X101.12	BN	1					7500	1		300
2149	2X	32.42X101.11	BN	1					7200	1		300
2156	2X	32.44X101.18	FI	2					7600	2		500
2213	2X	32.50X100.46	JN	3					7500	1		300
2304	2X	RTB										
TOTALS								#DIV/0!	7,450	5	0	
TOTALS												



Rolling Plains Water Improvement Program RPWIP – Stamford, TX
Seeding Report – May 29, 2025

Synoptic/Mesoscale Conditions:

A zone of strong atmospheric instability is currently in place across west-central Texas, with mixed-layer CAPE values exceeding 3000 J/kg. Over the past few hours, scattered thunderstorm development has gradually expanded across parts of southeastern New Mexico and the Texas South Plains. This activity is occurring along and just behind a sharp cold front, where low-level northeasterly winds are converging. This uptick in convection is likely being aided by a weak mid-level disturbance moving east-southeastward this evening. Although low-level forcing ahead of the disturbance remains modest, storms are expected to track eastward into the highly unstable environment mentioned above.

Lifting Mechanism:

Thermodynamic Indices -12Z KMAF Sounding

Freezing Level (m)	4451	-15°C Height (m)	6550
Precipitable Water (inches)	0.85	CAPE (J/Kg)	730
LCL	1385	CINH (J/Kg)	416
CCL (m)	3418	LI(°C)	-3.60
MAF ICA	2.54	PB	2
Cloud Base (meters)	1756	MAF ICA	
Warm Cloud Depth (meters)	2695	Cloud Base Temp (°C)	-

Discussion:

During the late afternoon hours, showers and thunderstorms formed in West Texas and tracked eastward. The storms quickly became severe and eventually severe warned by the NWS. Following the severe warnings, tornado warnings were also issued by the NWS over Lamesa and Big Spring (out of the target area and before seeding took place). Around 7PM/00Z a cell began to develop over Colorado City. The pilot was notified and launched at 0016Z. On the way to the cell over Mitchell County, the pilot reported not so great visibility. Upon arrival the pilot found decent inflow and was able to burn 5 glaciogenic flares total into cell 1 over Mitchell County near and north of Colorado City. With visibility deteriorating, the sun setting and other storms severe warned, pilot RTB.

Watches/Warnings: Severe thunderstorm watch.

Seeded Cell ID's:

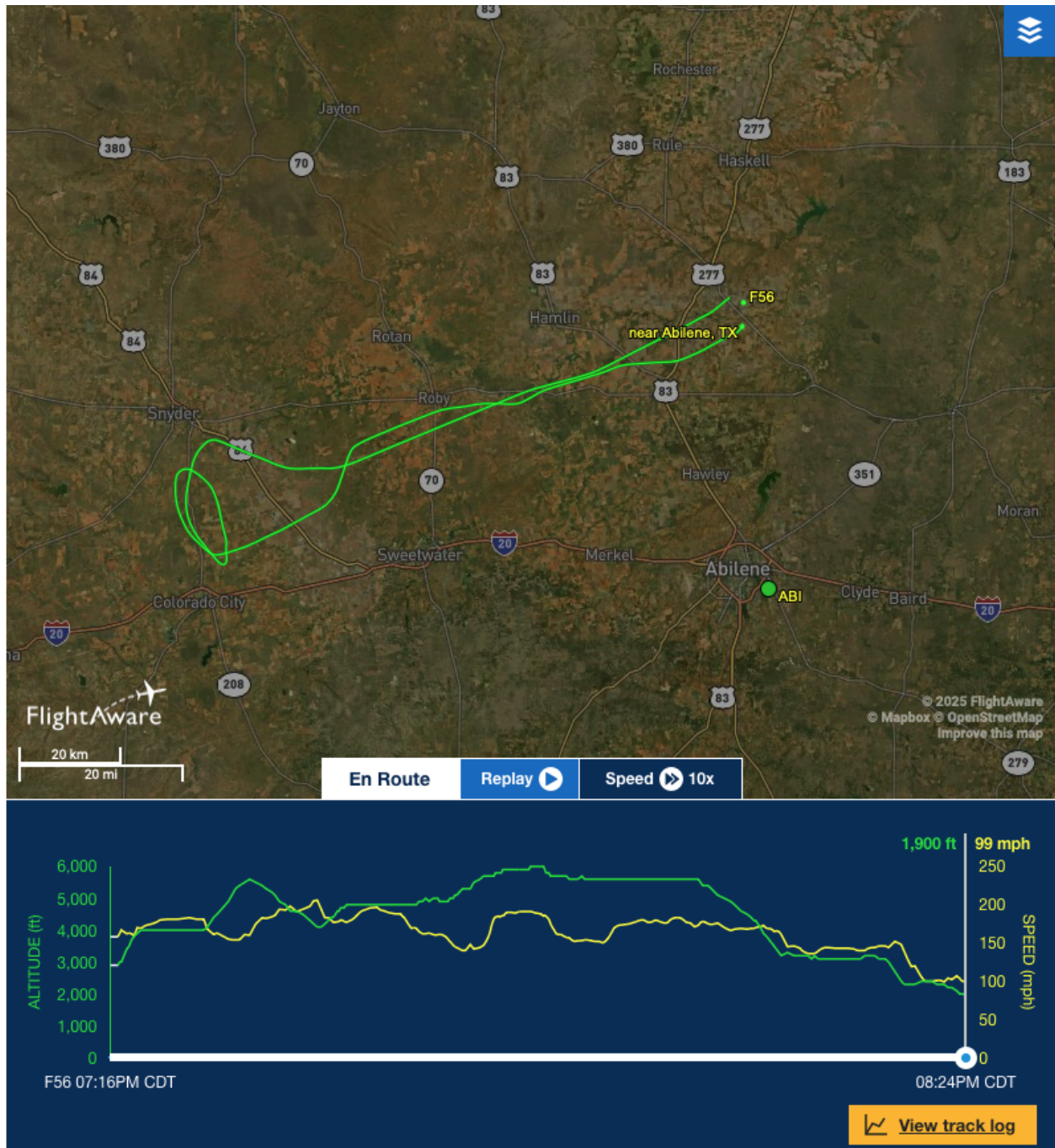
1										
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Flight Information:

TIME (Z)	Plane	Flare Location	County
0016	2X	In Air	
0044	2X	32.50NX100.86W	Mitchell
0046	2X	32.50NX100.86W	Mitchell
0048	2X	32.53NX100.81W	Mitchell
0050	2X	32.53NX100.81W	Mitchell
0052	2X	32.57NX100.92W	Mitchell
0058	2X	RTB	

Seeding operations were conducted over Mitchell County (6G+1H). 5 glaciogenic flares and 0 hygroscopic flares were burned within 1 cloud. This is the 2nd day for seeding in May and the 2nd day for seeding during the season.

** Note- 1 glaciogenic flare = 5.5 grams AgI and 1 hygroscopic flare = 500 grams NaCl **



Flight 1: 2X

Operations For: 05/29/2025					Cloud Parameters					Doses		
Time	Plane	Radial Location	County	Cell #	DBZ	VIL	Tops	F	Cloud Base Height	Glaciogenic	Hygroscopic	Inflow
0016	2X	In Air										
0044	2X	32.50NX100.86W	MI	1					5500	1		500
0046	2X	32.50NX100.86W	MI	1					5500	1		500
0048	2X	32.53NX100.81W	MI	1					6000	1		300
0050	2X	32.53NX100.81W	MI	1					6000	1		300
0052	2X	32.57NX100.92W	MI	1					5800	1		300
0058	2X	RTB										
TOTALS								#DIV/0!	5,760	5	0	
TOTALS												



Rolling Plains Water Improvement Program RPWIP – Stamford, TX
Seeding Report – June 10, 2025

Synoptic/Mesoscale Conditions:

A forward-moving mesoscale convective system continues to progress across to the south of the region through the South Plains and Permian Basin early this morning. Some afternoon showers and storms could be possible across portions of the region, tapering off by 2PM. There remains uncertainty in convective allowing model forecasts regarding redevelopment this evening. According to the 12Z HRRR run, showers and storms are expected to form in southeastern New Mexico and form into a complex of storms crossing the Texas border between 5-6PM. This complex of storms is expected to enter the most western and southern counties within the target area between 6-8PM.

Lifting Mechanism:

Thermodynamic Indices -12Z KMAF Sounding

Freezing Level (m)	4755	-15°C Height (m)	7000
Precipitable Water (inches)	1.01	CAPE (J/Kg)	46
LCL	1328	CINH (J/Kg)	76081
CCL (m)	4326	LI(°C)	2
MAF ICA	9.06	PB	2.3
Cloud Base (meters)	2765	MAF ICA	-
Warm Cloud Depth (meters)	1990	Cloud Base Temp (°C)	-

Discussion:

A line of showers and thunderstorms began to develop over Borden, Howard, Martin and Dawson Counties around 2PM CT. An area of showers split from the main line and took off in the western counties, tracking eastward. Pilot in air just before 20Z and headed west. Upon arrival to Fisher County, south of Roby pilot approached cell 1 and seeded the cell. Pilot now headed further west to Scurry County, south of Snyder. Upon arrival, pilot burned 4 G into cell 2. Pilot now headed further west to Borden County where cells are beginning to cross over the County line. Upon arrival, pilot seeded cell 3. No other cells in the area to seed so pilot RTB.

Watches/Warnings: Severe thunderstorm watch.

Seeded Cell ID's:

1	2	3								
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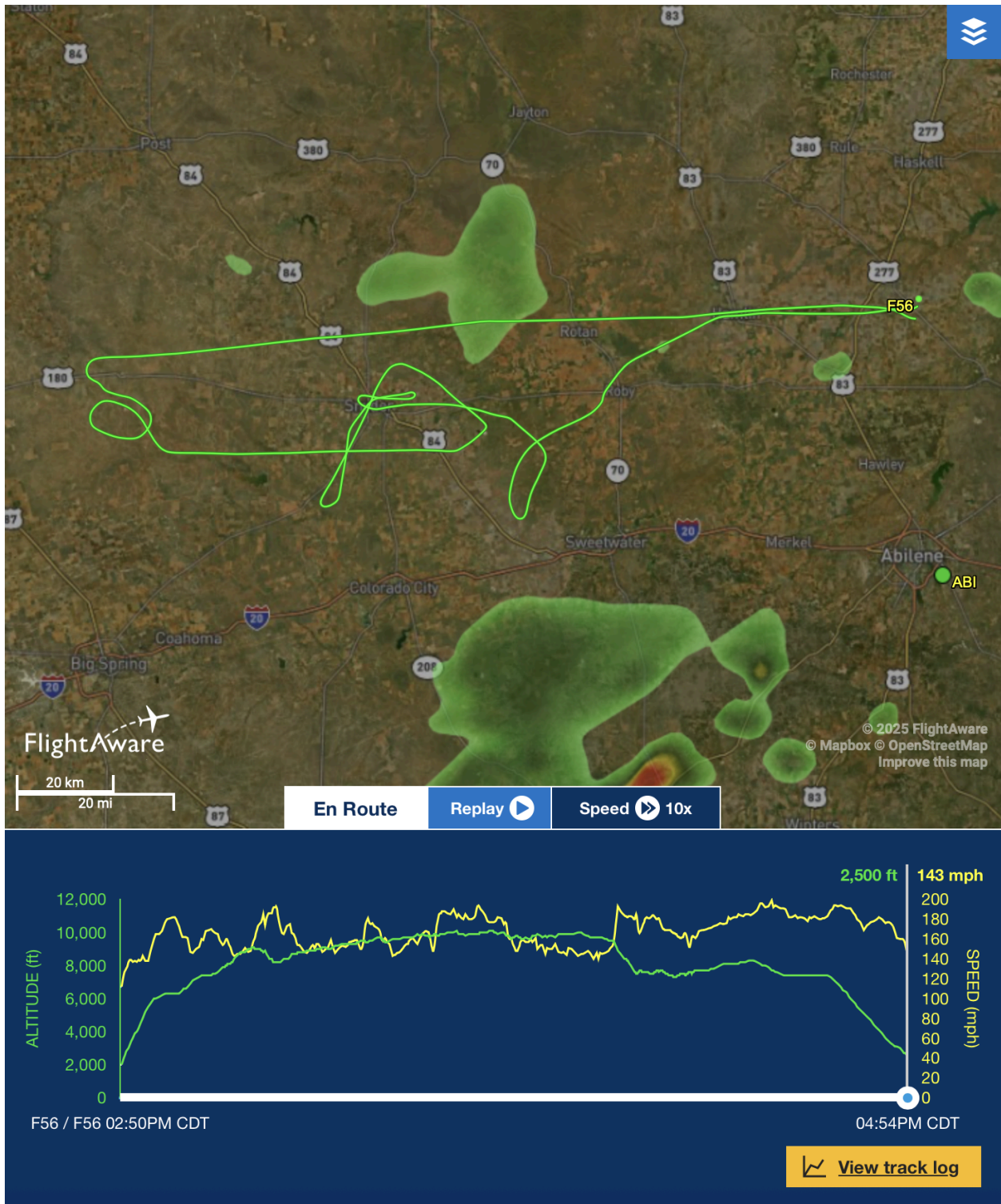
Flight Information:

TIME (Z)	Plane	Flare Location	County
1950	2X	In Air	
2009	2X	32.69NX100.47W	Fisher

2012	2X	32.65NX100.56W	Fisher
2020	2X	32.68NX100.56W	Fisher
2027	2X	32.71NX100.90W	Scurry
2030	2X	32.73NX100.90W	Scurry
2035	2X	32.71NX100.93W	Scurry
2037	2X	32.62NX100.96W	Scurry
2107	2X	32.63NX101.30W	Borden
2109	2X	32.66NX101.39W	Borden
2111	2X	32.72NX101.44W	Borden
2113	2X	32.70NX101.52W	Borden
2120	2X	RTB	

Seeding operations were conducted over Fisher (3G+0H), Scurry (4G+0H) and Borden (4G+0H) Counties. 11 glaciogenic flares and 0 hygroscopic flares were burned within 3 clouds. This is the 2nd day for seeding in May and the and day for seeding during the season.

** Note- 1 glaciogenic flare = 5.5 grams AgI and 1 hygroscopic flare = 500 grams NaCl **



Flight 1: 2X

Operations For: 06/10/2025					Cloud Parameters					Doses		
Time	Plane	Radial Location	County	Cell #	DBZ	VIL	Tops	C	Cloud Base Height	Glaciogenic	Hygroscopic	Inflow
1950	2X	In Air										
2009	2X	32.69NX100.47W	FI	1					8900	1		400
2012	2X	32.65NX100.56W	FI	1					8900	1		400
2020	2X	32.68NX100.56W	FI	1					8900	1		400
2027	2X	32.71NX100.90W	SC	2					9500	1		400
2030	2X	32.73NX100.90W	SC	2					9600	1		400
2035	2X	32.71NX100.93W	SC	2					9700	1		300
2037	2X	32.62NX100.96W	SC	2					9900	1		500
2107	2X	32.63NX101.30W	BD	3					9600	1		300
2109	2X	32.66NX101.39W	BD	3					8800	1		400
2111	2X	32.72NX101.44W	BD	3					8000	1		400
2113	2X	32.70NX101.52W	BD	3					8000	1		400
2120	2X	RTB										
TOTALS									9,073	11	0	
TOTALS												



Rolling Plains Water Improvement Program RPWIP – Stamford, TX
Seeding Report – June 11, 2025

Synoptic/Mesoscale Conditions:

A weak residual upper-level low is expected to linger in the area, and with minimal capping in place, hi-res models suggest that additional thunderstorm development is possible later this afternoon and evening. However, given that the atmosphere has been impacted by back-to-back MCS activity over the past 24 hours, redevelopment may be more isolated than models currently depict, with timing mainly after 2PM. Severe weather potential appears limited today, but locally heavy rainfall remains a concern. Activity should taper off overnight as storms become more diurnally driven.

Lifting Mechanism:

Thermodynamic Indices -12Z KMAF Sounding

Freezing Level (m)	4148	-15°C Height (m)	6900
Precipitable Water (inches)	1.21	CAPE (J/Kg)	120
LCL	1204	CINH (J/Kg)	108
CCL (m)	2721	LI(°C)	-0.33
MAF ICA	0.27	PB	0.1
Cloud Base (meters)	2719	MAF ICA	-
Warm Cloud Depth (meters)	1429	Cloud Base Temp (°C)	-

Discussion:

Pilot in air and headed south to a line of showers and storms over Nolan County. Pilot arrived to cell 1 which was nearly stationary. Pilot seeded cell 1 and cell 1 remained within Nolan County for most of its lifetime. Pilot then RTB with no other cells in the target area.

Watches/Warnings: Severe thunderstorm watch.

Seeded Cell ID's:

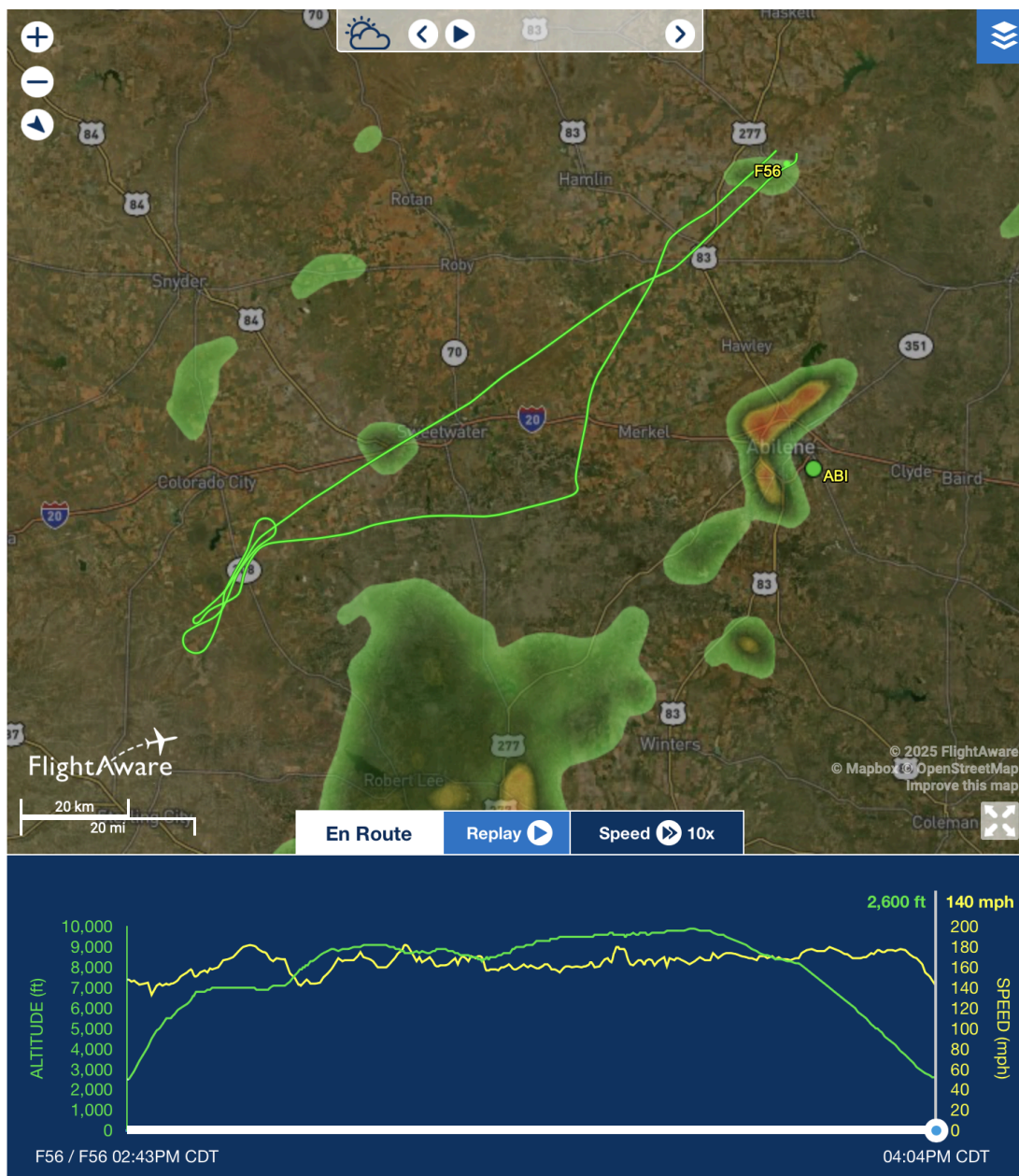
1									
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Flight Information:

TIME (Z)	Plane	Flare Location	County
1943	2X	In Air	
2003	2X	32.36NX100.20W	Nolan
2005	2X	32.34NX100.29W	Nolan
2007	2X	32.34NX100.40W	Nolan
2009	2X	32.33NX100.47W	Nolan
2011	2X	32.30NX100.61W	Nolan
2018	2X	RTB	

Seeding operations were conducted over Nolan County (5G+0H). 5 glaciogenic flares and 0 hygroscopic flares were burned within 1 cloud. This is the day for seeding in May and the day for seeding during the season.

** Note- 1 glaciogenic flare = 5.5 grams AgI and 1 hygroscopic flare = 500 grams NaCl **



Flight 1: 2X

Operations For: 06/11/2025					Cloud Parameters					Doses		
Time	Plane	Radial Location	County	Cell #	DBZ	VIL	Tops	C	Cloud Base Height	Glaciogenic	Hygroscopic	Inflow
1943	2X	In Air										
2003	2X	32.36NX100.20W	NL	1					8700	1		400
2005	2X	32.34NX100.29W	NL	1					9000	1		300
2007	2X	32.34NX100.40W	NL	1					9100	1		300
2009	2X	32.33NX100.47W	NL	1					9100	1		300
2011	2X	32.30NX100.61W	NL	1					8700	1		400
2018	2X	RTB										
TOTALS									8,920	5	#REF!	
TOTALS												



Rolling Plains Water Improvement Program RPWIP – Stamford, TX
Seeding Report – June 26, 2025

Synoptic/Mesoscale Conditions:

The overall weather pattern remains largely unchanged, with an upper-level high anchored over the eastern U.S. and a trough continuing to influence the western states. This configuration will support a continuation of the warm and dry conditions seen in recent days. While today's winds are expected to be a bit lighter, they will still become breezy from late morning through the afternoon. High temperatures should reach the low to mid 90s, which is typical for this time of year, and overnight lows will stay mild, generally in the 70s.

Lifting Mechanism:

Thermodynamic Indices -12Z KMAF Sounding

Freezing Level (m)	4568	-15°C Height (m)	7300
Precipitable Water (inches)	1.33	CAPE (J/Kg)	238
LCL	1758	CINH (J/Kg)	184
CCL (m)	3147	LI(°C)	-1.53
MAF ICA	-0.68	PB	1
Cloud Base (meters)	2987	MAF ICA	-
Warm Cloud Depth (meters)	1581	Cloud Base Temp (°C)	-

Discussion:

Isolated showers and thunderstorms began to develop during the afternoon hours. Pilot launched and headed west towards Borden County. Upon arrival, pilot noted good inflows and treated one cloud over Borden County. No other cells were within the target area so pilot RTB.

Watches/Warnings:

Seeded Cell ID's:

1										
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Flight Information:

TIME (Z)	Plane	Flare Location	County
2202	2X	In Air	
2245	2X	32.80NX101.68W	Borden
2248	2X	32.87NX101.68W	Borden
2253	2X	32.83NX101.61W	Borden
2256	2X	32.73NX101.63W	Borden
2259	2X	32.65NX101.58W	Borden
2311	2X	32.80NX101.43W	Borden

2313	2X	32.81NX101.45W	Borden
2317	2X	32.82NX101.40W	Borden
2321	2X	32.81NX101.35W	Borden
2338	2X	RTB	

Seeding operations were conducted over Borden County (9G+0H). 9 glaciogenic flares and 0 hygroscopic flares were burned within 1 cloud. This is the day for seeding in June and the day for seeding during the season.

** Note- 1 glaciogenic flare = 5.5 grams AgI and 1 hygroscopic flare = 500 grams NaCl **



Flight 1: 2X

Operations For: 06/26/2025					Cloud Parameters					Doses		
Time	Plane	Radial Location	County	Cell #	DBZ	VIL	Tops	C	Cloud Base Height	Glaciogenic	Hygroscopic	Inflow
2202	2X	In Air										
2245	2X	32.80NX101.68W	BN	1					9800	1		300
2248	2X	32.87NX101.68W	BN	1					9800	1		300
2253	2X	32.83NX101.61W	BN	1					9800	1		500
2256	2X	32.73NX101.63W	BN	1					9800	1		400
2259	2X	32.65NX101.58W	BN	1					9800	1		800
2311	2X	32.80NX101.43W	BN	1					9800	1		400
2313	2X	32.81NX101.45W	BN	1					9800	1		500
2317	2X	32.82NX101.40W	BN	1					9800	1		300
2321	2X	32.81NX101.35W	BN	1					9800	1		500
2338	2X	RTB										
TOTALS									9,800	9	#REF!	
TOTALS												



Rolling Plains Water Improvement Program RPWIP – Stamford, TX
Seeding Report – June 30, 2025

Synoptic/Mesoscale Conditions:

Visible satellite imagery shows storms quickly forming along a leftover outflow boundary stretching across central and southwest Oklahoma. Additional storm development is also underway in parts of northwest Texas. With high humidity (dewpoints in the 70s) and temperatures climbing into the low 90s, the atmosphere has become extremely unstable, supporting energy levels (MLCAPE) over 3000 J/kg.

Given this setup, scattered thunderstorms are expected to continue developing along this zone over the next couple of hours. Some of these storms could produce isolated severe weather, including strong wind gusts and large hail. While a weather watch is not currently in effect, conditions are being closely monitored in case one becomes necessary.

Lifting Mechanism:

Thermodynamic Indices -12Z KMAF Sounding

Freezing Level (m)	4823	-15°C Height (m)	7200
Precipitable Water (inches)	1.44	CAPE (J/Kg)	353
LCL	1760	CINH (J/Kg)	44
CCL (m)	2352	LI(°C)	-2.12
MAF ICA	-2.13	PB	1.9
Cloud Base (meters)	2245	MAF ICA	-
Warm Cloud Depth (meters)	2578	Cloud Base Temp (°C)	-

Discussion:

Numerous showers and thunderstorms formed over the target area during the early afternoon hours. Pilot launched around 19Z and headed southwest. Upon arrival to Fisher County, pilot treated one cloud. Pilot then headed next door to Scurry county and treated cloud 2. Pilot then headed further west to Borden County and treated a large cloud (cloud 3) with both types of flares as he was getting good inflows. Four more clouds were treated over the hour over Nolan, Mitchell, Knox and Haskell Counties. Pilot then RTB due to visibility concerns and storms beginning to near base.

Watches/Warnings:

Seeded Cell ID's:

1	2	3	4	5	6	7				
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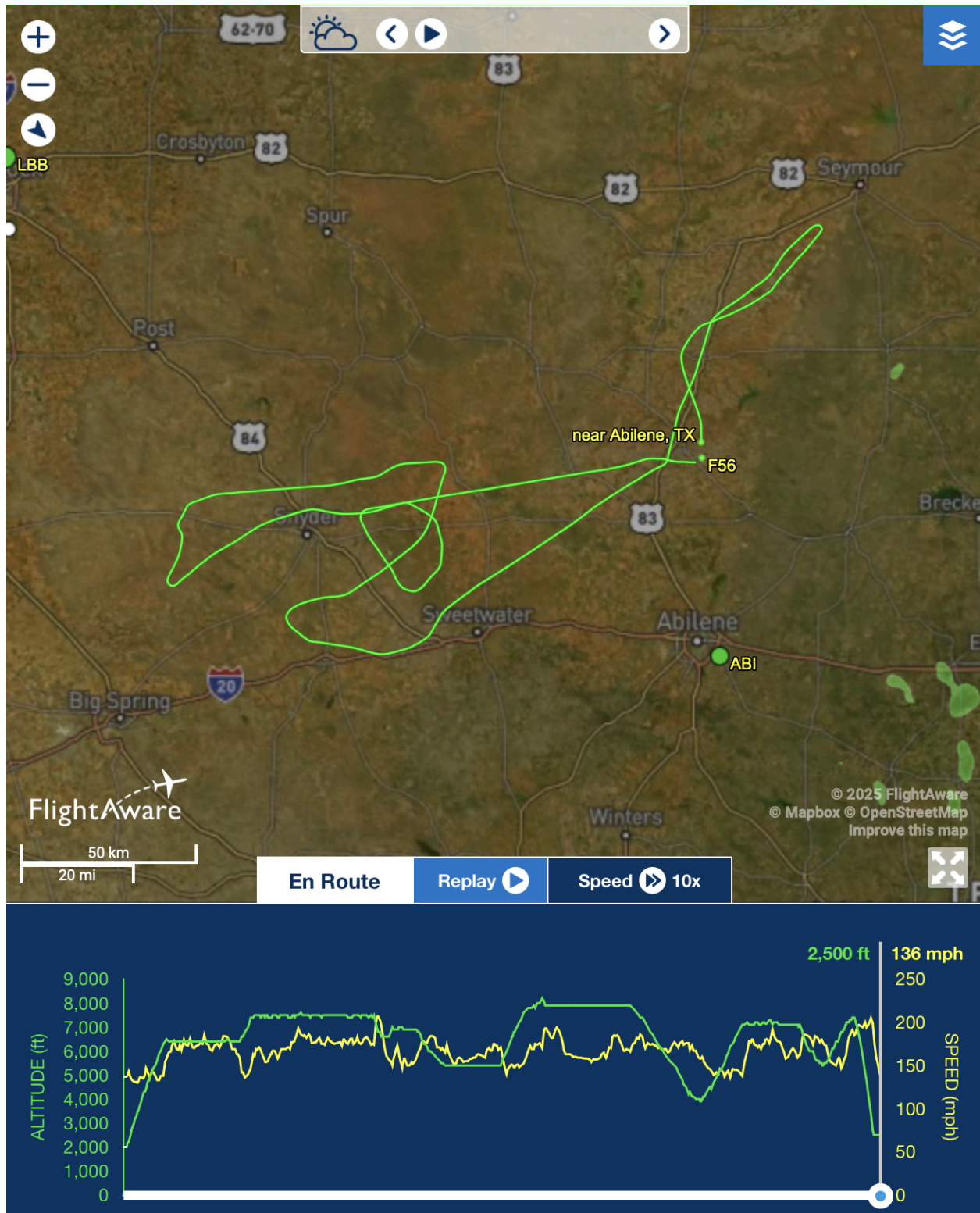
Flight Information:

TIME (Z)	Plane	Flare Location	County
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1859	2X	In Air	
1927	2X	32.36, 100.38	Fisher
1935	2X	32.47, 100.36	Scurry
1951	2X	32.38, 101.18	Borden
1953	2X	32.40, 101.17	Borden
1955	2X	32.44, 101.18	Borden
2022	2X	32.36, 100.43	Borden
2028	2X	32.39, 100.58	Nolan
2038	2X	32.26, 100.35	Mitchell
2107	2X	33.16, 99.40	Knox
2109	2X	33.19, 99.35	Knox
2114	2X	33.27, 99.27	Haskell
2127	2X	33.12, 99.46	Haskell
2130	2X	RTB	

Seeding operations were conducted over Fisher (2G+1H), Scurry (2G+0H), Borden (8G+1H), Nolan (2G+0H), Mitchell (2G+0H), Knox (4H+1H) and Haskell (6G+0H) Counties. 26 glaciogenic flares and 3 hygroscopic flares were burned within 7 clouds. This is the day for seeding in June and the day for seeding during the season.

** Note- 1 glaciogenic flare = 5.5 grams AgI and 1 hygroscopic flare = 500 grams NaCl **



Flight 1: 2X

Operations For: 06/30/2025					Cloud Parameters					Doses		
Time	Plane	Radial Location	County	Cell #	DBZ	VIL	Tops	C	Cloud Base Height	Glaciogenic	Hygroscopic	Inflow
1859	2X	In Air										
1927	2X	32.36, 100.38	FI	1					7500	2	1	600
1935	2X	32.47, 100.36	SC	2					7500	2		700
1951	2X	32.38, 101.18	BN	3					6600	2		400
1953	2X	32.40, 101.17	BN	3					7000	2		600
1955	2X	32.44, 101.18	BN	3					7000	2	1	600
2022	2X	32.36, 100.43	BN	3					7800	2		600
2028	2X	32.39, 100.58	NL	4					8000	2		500
2038	2X	32.26, 100.35	MI	5					8000	2		400
2107	2X	33.16, 99.40	KN	6					7200	2		400
2109	2X	33.19, 99.35	KN	6					7300	2	1	500
2114	2X	33.27, 99.27	HS	7					7200	2		500
2127	2X	33.12, 99.46	HS	7					7300	4		600
2130	2X	RTB										
TOTALS									7,367	26	3	
TOTALS												



Rolling Plains Water Improvement Program RPWIP – Stamford, TX
Seeding Report – July 1, 2025

Synoptic/Mesoscale Conditions:

A broad upper-level ridge stretches from the Gulf of America into the Southern Plains, with a weak spot lingering over northern Mexico and West Texas. Meanwhile, a surge of tropical moisture continues to move northward from South Texas and northeastern Mexico, bringing increased humidity to the region. Precipitable water values are running between 1.6 and 1.9 inches, supporting the development of scattered showers already underway. As temperatures rise this afternoon, rain coverage is expected to increase. Any storms that form could bring pockets of heavy rainfall.

Lifting Mechanism:

Thermodynamic Indices -12Z KMAF Sounding

Freezing Level (m)	4700	-15°C Height (m)	7450
Precipitable Water (inches)	1.69	CAPE (J/Kg)	50.60
LCL	932	CINH (J/Kg)	15.39
CCL (m)	1789	LI(°C)	-0.03
MAF ICA	-6.73	PB	0.1
Cloud Base (meters)	1337	MAF ICA	-
Warm Cloud Depth (meters)	3363	Cloud Base Temp (°C)	-

Discussion:

Pilot in air and headed west to Mitchel and Nolan Counties where a line of showers and thunderstorms began to enter the target area from the south. Upon arrival Nolan County pilot was able to find inflow and treat one large cloud. Cloud to ground lightning visible on radar and this cloud eventually moved into portions of Fisher County. Pilot then headed further west into Mitchell County. Upon arrival pilot treated one large cloud. Cloud to ground lightning visible on radar as well with this storm which then moved into Scurry County as the evening progressed. Pilot then RTB.

Watches/Warnings: Severe thunderstorm watch.

Seeded Cell ID's:

1	2								
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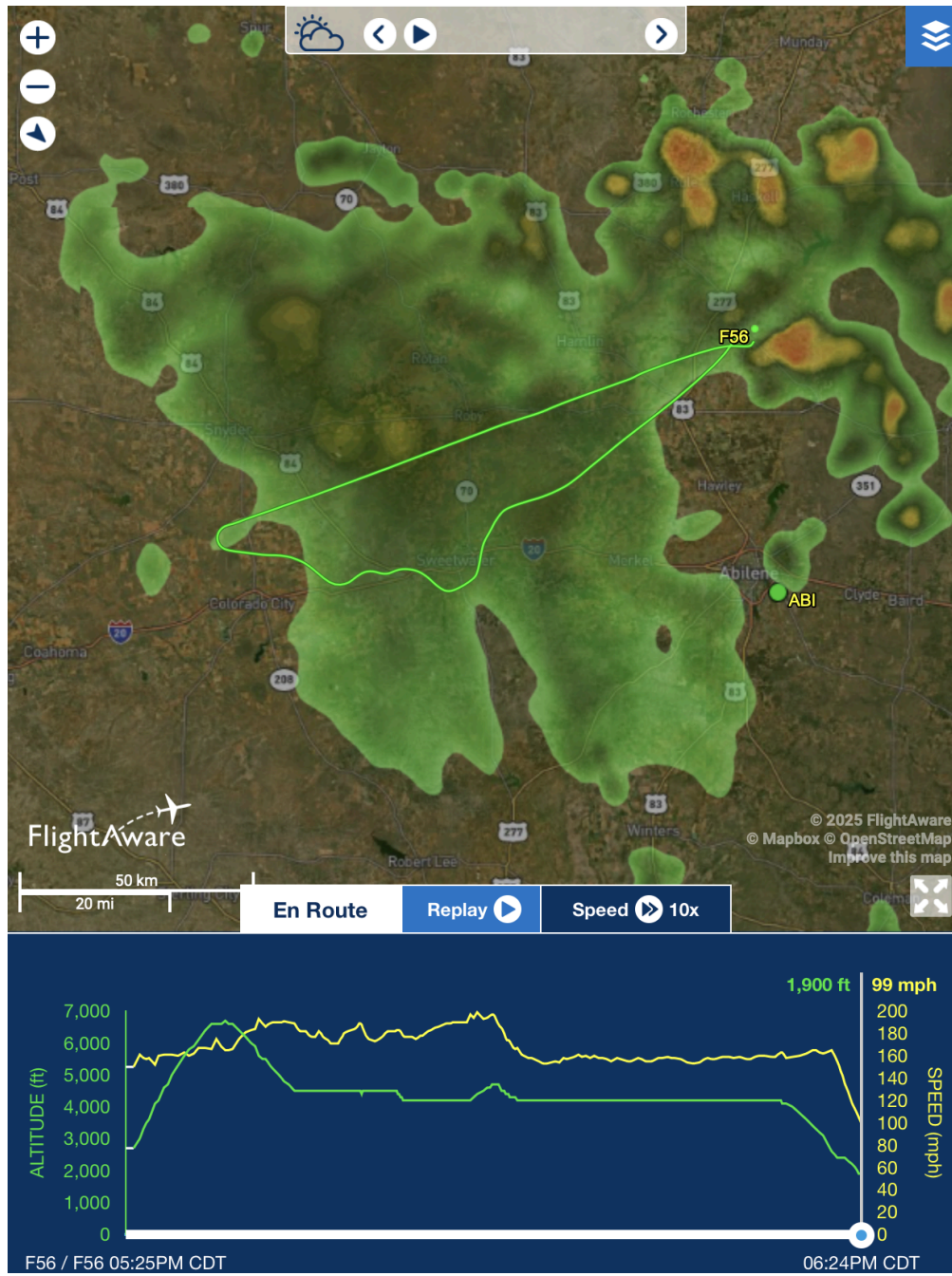
Flight Information:

TIME (Z)	Plane	Flare Location	County
2225	2X	In Air	
2243	2X	32.24, 100.25	Nolan
2244	2X	32.25, 100.26	Nolan

2246	2X	32.27,100.31	Nolan
2249	2X	32.25,100.40	Mitchell
2250	2X	32.26,100.42	Mitchell
2251	2X	32.28, 100.45	Mitchell
2253	2X	32.28, 100.50	Mitchell
2258	2X	RTB	

Seeding operations were conducted over Nolan County (4G+2H) and Mitchell County (6G+2H). 10 glaciogenic flares and 4 hygroscopic flares were burned within 2 clouds. This is the day for seeding in June and the day for seeding during the season.

** Note- 1 glaciogenic flare = 5.5 grams AgI and 1 hygroscopic flare = 500 grams NaCl **



Flight 1: 2X

Operations For: 07/01/2025					Cloud Parameters					Doses		
Time	Plane	Radial Location	County	Cell #	DBZ	VIL	Tops	C	Cloud Base Height	Glaciogenic	Hygroscopic	Inflow
2225	2X	In Air										
2243	2X	32.24, 100.25	NL	1					4300	2	1	500
2244	2X	32.25,100.26	NL	1					4400	2		400
2246	2X	32.27,100.31	NL	1					4400		1	300
2249	2X	32.25,100.40	MI	2					4400		1	300
2250	2X	32.26,100.42	MI	2					4400	2		400
2251	2X	32.28, 100.45	MI	2					4300	2		300
2253	2X	32.28, 100.50	MI	2					4500	2	1	500
2258	2X	RTB										
TOTALS									4,386	10	4	
TOTALS												