

# Great Plains Interagency Dispatch Center 2017 Annual Report



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# GREAT PLAINS INTERAGENCY DISPATCH CENTER 2017 YEAR END REPORT

We had a busy year across the GPC Zone this year. From fires to helping the FWS with TREX to our annual Med Evac Exercise to the Motorcycle Rally and the Eclipse event to resource orders and then to fires into Dec.

Our zone was busy throughout the year with fires starting in January and February and scattered throughout the year. It seemed like we were the busiest in July through September with some dry lightning coming through and then the endless resource orders as we sent our resources out to help wherever needed. Fire season continued even into November and December with the Legion Lake fire being our biggest one of the year.

I asked our local meteorologist Darren Clabo to give us a brief summary of the Weather for the year for SD – “Drought coverage increased across the Great Plains zone from the start of 2017 through late summer. The greatest drought impacts were felt across central and northern SD where a lack of precipitation and much-above average temperatures were seen. These drought conditions improved over much of the region into the fall months as some beneficial moisture was received; however, western SD saw sustained drought conditions through the early winter. Precipitation deficits were most evident in the May – July timeframe which corresponds to the wet season within the region. These deficits likely limited soil moisture and vegetative growth. The fall months were unusually warm with temperatures from several degrees above average for the period across the zone.”

We had several Type 2 fires, Wanblee Timber SD-PRA, Rankin SD-WCP and Legion Lake SD-SDS with the Black Team managing the first two and the Blue Team overseeing Legion Lake. Beaver and Elk Run were some of the smaller fires that could have been worse without the fast response of our resources.

We ramped up like normal for the Black Hills Rally at the beginning of August.

We helped the Nebraska National Forest get ready this year for the Eclipse event on August 21<sup>st</sup> as they brought in extra engines and overhead to help prepare.

The active fire season in the Northwest, including Montana and in Region 5 kept GPC busy processing resource orders, with working weekends and extended staffing through October.

The Legion Lake fire in December, the 3<sup>rd</sup> largest fire recorded in the Black Hills was contained at 54,023 acres with no primary structures lost.

Personnel wise it was an interesting year at GPC. Angie Hinker took a NTE one year detail with the IROC team to work on the new version of ROSS. Tiphaine Barter came over from Pueblo Dispatch to cover for Angie on a 120 day detail. After Tiphaine left, Andy Solvie stepped in to cover for Angie as well starting in July. That was short lived as Andy was asked to step in as Acting Center Manager which continued through the end of the year. Scott Swendsen, Travis Braten and Becky Jossart came in and helped out for two weeks at a time in July and August. Melody Rothleutner was able to go out to RMCC on a detail. We also had many other stellar dispatchers come here and help while we were short on dispatchers and busy with fires, the Rally and the Eclipse event. Thanks & Good Luck Sheri!!!



*Silver Mt Rx*

# Great Plains Interagency Dispatch Center 2017 Cost Share

<b>Funding Source</b>	<b>Funding</b>
Forest Service	298,674
Bureau of Land Management – SD	8,000
Bureau of Land Management - WY	8,000
Fish & Wildlife Service	10,255
National Park Service	30,000
Nebraska NEMA	12,000
South Dakota State	104,567
Bureau of Indian Affairs	75,304
Wyoming State	3,000
<b>TOTAL</b>	<b>\$549,800</b>





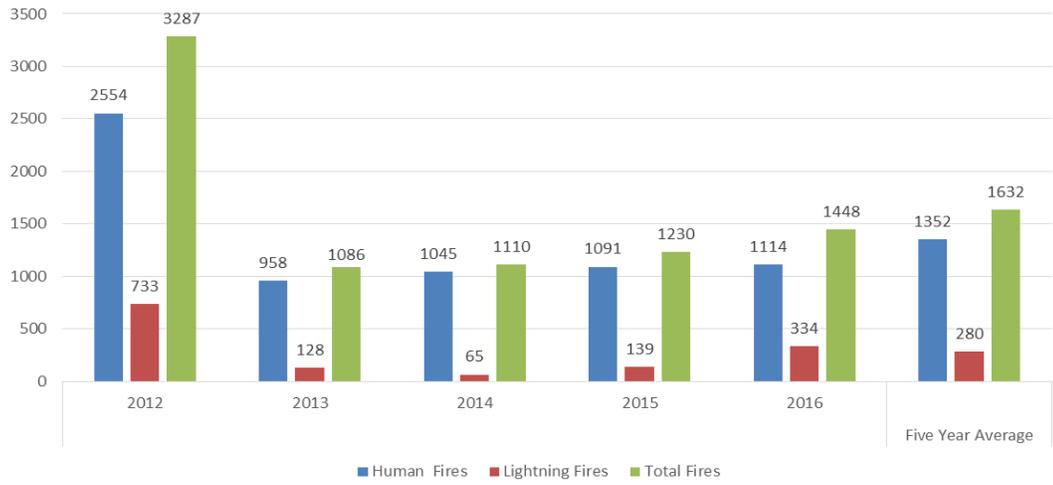
<b>TOTALS</b>		<b>3</b>	<b>132.00</b>	<b>0</b>	<b>0.00</b>	<b>3</b>	<b>132.00</b>	<b>91</b>	<b>21278.00</b>
NE-MWP	NE-AFP	0	0.00	0	0.00	0	0.00	0	0.00
NE-MWP	NE-HOP	0	0.00	0	0.00	0	0.00	0	0.00
NE-MWP	NE-SBP	1	1.00	0	0.00	1	1.00	0	0.00
NE-MWP	SD-BDP	2	1.60	0	0.00	2	1.60	0	0.00
NE-MWP	SD-JCP	0	0.00	0	0.00	0	0.00	0	0.00
NE-MWP	SD-MOP	0	0.00	0	0.00	0	0.00	1	7.00
NE-MWP	SD-MRP	0	0.00	0	0.00	0	0.00	1	71.00
NE-MWP	SD-WCP	0	6966.00	2	2135.16	2	9101.16	1	1.00
NE-MWP	WY-DTP	0	0.00	1	0.10	1	0.10	2	196.00
<b>TOTALS</b>		<b>3</b>	<b>6968.60</b>	<b>3</b>	<b>2135.26</b>	<b>6</b>	<b>9103.86</b>	<b>5</b>	<b>275.00</b>
SD-TNC	SD-PCI	0	0.00	0	0.00	0	0.00	1	2848.00
NE-TNC	NE-NBRI	0	0.00	0	0.00	0	0.00	0	0.00
<b>TOTALS</b>		<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>1</b>	<b>2848.00</b>
<b>GRAND TOTALS</b>		<b>1289</b>	<b>75088.66</b>	<b>369</b>	<b>7612.88</b>	<b>1658</b>	<b>82701.54</b>	<b>235</b>	<b>74910.00</b>

### Bureau of Land Management Information

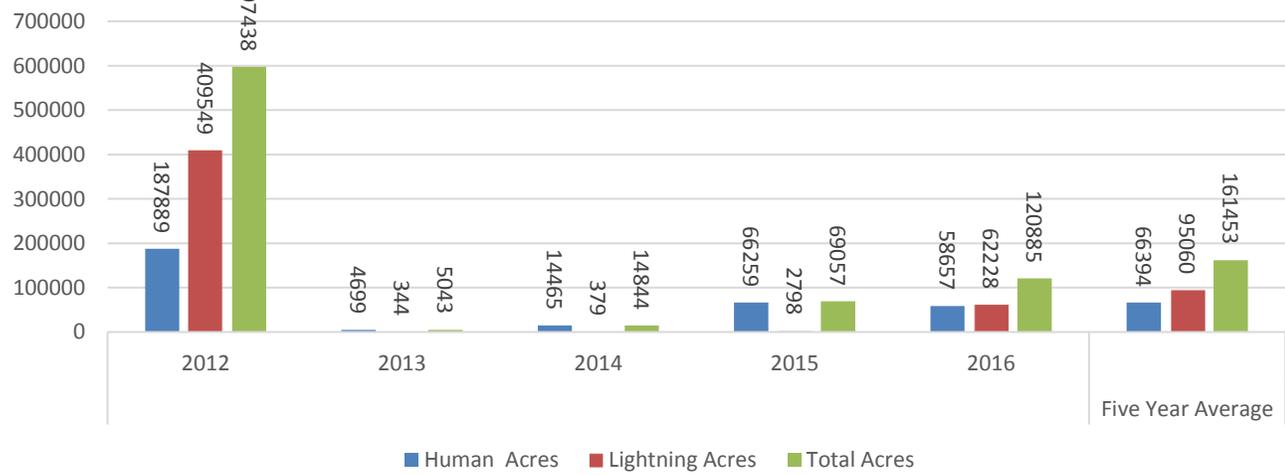
As part of the annual operating plan between South Dakota Bureau of Land Management (SD-SDD) and the State of South Dakota Division of Wildland Fire (SD-SDS), all fire suppression activities are the responsibility of SD-SDS, therefore suppression information and numbers are lumped into the SD-SDS statistics. However, prescribed fire is not part of the agreement; therefore information given to Great Plains Dispatch for RX within the zone is posted on the GPC Situation Report.



**GPC ZONE FIVE YEAR AVERAGE - FIRES**



**GPC ZONE FIRE YEAR AVERAGE - ACRES**



# 2017 LARGE FIRE ACTIVITY

Fire Date	Incident Name	Acres	Size Class	Cause	Cause Human	Latitude	Longitude	Order Num
03/06/17	WOLF	2510	F	H	Equipment	43.9746	-102.1921	NE-NBF-170107
03/08/17	WHITETAIL	249	D	H	Powerlines	43.7327	-103.5000	SD-SDS-170119
03/08/17	Kyle	1151	F	H	Equipment	43.46456	-102.11267	SD-PRA
03/16/17	Bell CA	114	D	H	Undetermined	43.39271	-103.2703	SD-SDS-170131
04/17/17	Natick	202	D	H	Under Investigation	41.89092	-100.404	NE-NBF-170174
06/09/17	Cedar Creek CA	154	D	H	Equipment	44.12689	-100.1191	SD-SDS-170291
06/24/17	BUCK CREEK	147	D	H	Equipment	45.178639	-100.323517	SD-CRA
06/29/17	Brady	172	D	L		43.26518	-103.7069	SD-SDS-170362
07/05/17	Dam Fire	200	D	H	Slash Burning	43.0881	-98.5133	SD-YAA
07/09/17	HILL TOP	514	E	L	Natural	45.21228	-101.97156	SD-CRA
07/15/17	BUFFALO II	118	D	L	Natural	45.25981	-100.43736	SD-CRA
07/18/17	RIDGE	109	D	H	Equipment	45.18956	-101.98594	SD-CRA
07/22/17	Negabauer	100	D	H	Equipment	43.05223	-103.6909	SD-SDS-170546
07/22/17	Wanblee Timber	5305	G	H	Children	43.59889	-101.53306	SD-PRA
07/30/17	Strawberry CA	191	D	H	Equipment	44.77652	-104.6397	WY-CRX-170596
08/03/17	ROUTE 8	254	D	H	Equipment	44.92781	-100.80933	SD-CRA
08/14/17	Hoallmann	108	D	L		42.93918	-104.0227	NE-NES-170701
08/30/17	Elk Run	225	D	L		43.50377	-103.7417	SD-SDS-170776
09/11/17	Rankin	2133	F	L		43.6172	-103.4509	SD-WCP-170834
09/12/17	East 40	155	D	L		43.69893	-102.8798	NE-NBF-170840
09/12/17	Coffee	750	E	L		42.86215	-103.8392	NE-NES-170844
09/13/17	Beaver	330	E	L		43.61561	-103.5153	SD-SDS-170850
10/21/17	Stumble	236	D	H	Trash Burning	43.19067	-102.75303	SD-PRA
11/22/17	Dry Creek CA	291	D	H	Railroads	43.74633	-103.1944	SD-SDS-170947
12/11/17	Legion Lake	54023	G	H	Powerlines	43.76192	-103.4482	SD-SDS-170967



# 2017 Great Plains Air Operations

## RAPID CITY TANKERBASE RETARDANT/WATER DELIVERED BY STATE AND AGENCY

<u>SOUTH DAKOTA</u>				
USFS/Black Hills NF	1,912(Ret)	@\$4.85 =	\$9,273.20	TOTAL 1,912 Gallons \$9,273.20
State/All areas	58,291(Ret)	@\$4.85 =	\$282,711.35	TOTAL 58,291 Gallons \$282,711.35
BIA/All areas	8,826(Ret)	@\$4.85 =	\$42,806.10	TOTAL 8,826 Gallons \$42,806.10
USPS/All areas	40,677(H2O)	@\$100 per <u>airtanker</u> load =	\$1,400.00	TOTAL 40,677 Gallons \$1,400.00

<u>NEBRASKA</u>				
State/All areas	671(Ret)	@\$4.85 =	\$3,254.35	TOTAL 671 Gallons \$3,254.35

<u>WYOMING</u>				
State/All	1,389(Ret)	@\$4.85 =	\$6,736.65	TOTAL 1,389 Gallons \$6,736.65

<u>UTAH</u>				
USFS/All	5,636(Ret)	@\$4.85 =	\$27,334.60	TOTAL 5,636 Gallons \$27,334.60

<u>COLORADO</u>				
USFS/All	5,931(Ret)	@\$4.85 =	\$28,765.35	TOTAL 5,931 Gallons \$28,765.35

**TOTAL Retardant delivered 35 loads = 82,656 gallons**

**Total H2O delivered 14 loads = 40,677gallons**



## Bureau of Indian Affairs

H-N518MF	Ute Mountain Helitack
Dates	July 17 - 27, 2017
Fires Flown	2 fires
Total flight time	12.8 hrs
Bucket drops	18
Gallons of water delivered	3,240
Total cost	\$17,905.60

H-N518MF	Mescalero Helitack
Dates	July 19 - Aug 24, 2017
Fires Flown	4 fires
Total flight time	84.1 hrs
Bucket drops	35
Gallons of water delivered	6,300
Total cost	\$118,177.40

T-817	
Dates	July 29 – Aug 31, 2017
Fires Flown	1
Gallons of Retardant dropped	1500
Total Cost	\$117,001

# T-475 sponsored by Nebraska Emergency Management and Nebraska State Forestry

<b>VTN SEAT BASE - 2017 Final Report</b>							
#	Date	Plane	Fire	Agency		Sorties	Flight Time
1	7-16	T475	<b>Wanblee</b>	SD-PRA-170500	PAK5UQ	2	2.74
2	7-17	T475		SD-PRA-000158	PAK5UQ	5	7.25
3	7-19	T475	Brownlee	NE-NES-170283	PNK7BJ	2	1.55
4	7-21	T475	Correction Line Dam	SD-RBA-000197	PAK7AU	1	1.38
5	7-21	T475	Martin	SD-BKF-170535	P2K7LC	1	2.42
6	7-22	T475	CDR to VTN Ferry	SD-BKF-170535		1	1.10
7	7-24	T475	Chilson	SD-SDS-170551	PNK7VF	1	1.87
8	7-24	T475	Brownlee #2	NE-NES-170283	PNK7BJ	1	1.28
9	7-25	T475	Pine Glen	NE-NES-170656	PNK713	2	1.90
10	7-29	T475	Ainsworth Fly In			1	1.50
11	8-1	T475	Bow and Arrow	NE-NES-170607	PNK8Q5	1	0.73
12	8-12	T475	Cherry County Fly In			1	0.50
13	8-15	T475	Mission Currency Flight	NE-NES-170283		2	1.03
14	8-18	T475	Putnam Dam	SD-BKF-170727	P2EKT9	1	2.68
15	8-18	T475	Rodgers	SD-BKF-170728	P2EKT9	1	2.37
16	8-18	T475	CRD to VTN	SD-BKF-170728		1	1.07
17	9-3	T475	Mission Currency Flight	NE-NES-170283		1	0.95
18	9-4	T475	Sheps Canyon	SD-SDS-170801	PNLBV0	6	5.46
19	9-11	T475	Cody Fire	NE-NES-170283	PNLCP4	4	3.19
20	9-14	T475	Red Fern	NE-NES-170852	PNLC7P	5	3.25
21	9-15	T475	CDR/VTN/9V6/VTN	NE-NES-170852		1	2.20
22	9-26	T475	Mission Currency Flight	NE-NES-170283		1	1.03
1	7-16	T435	<b>Wanblee</b>	SD-PRA-170500	PAK5UQ	2	
2	7-17	T435		SD-PRA-000158	PAK5UQ	5	
			<b>Gallons loaded</b>	<b>VTN</b>			<b>14,300</b>
			<b>Gallons loaded</b>	<b>CDR</b>			<b>2,200</b>
<b>TOTALS</b>		<b>T-475</b>				<b>42</b>	<b>47.45</b>

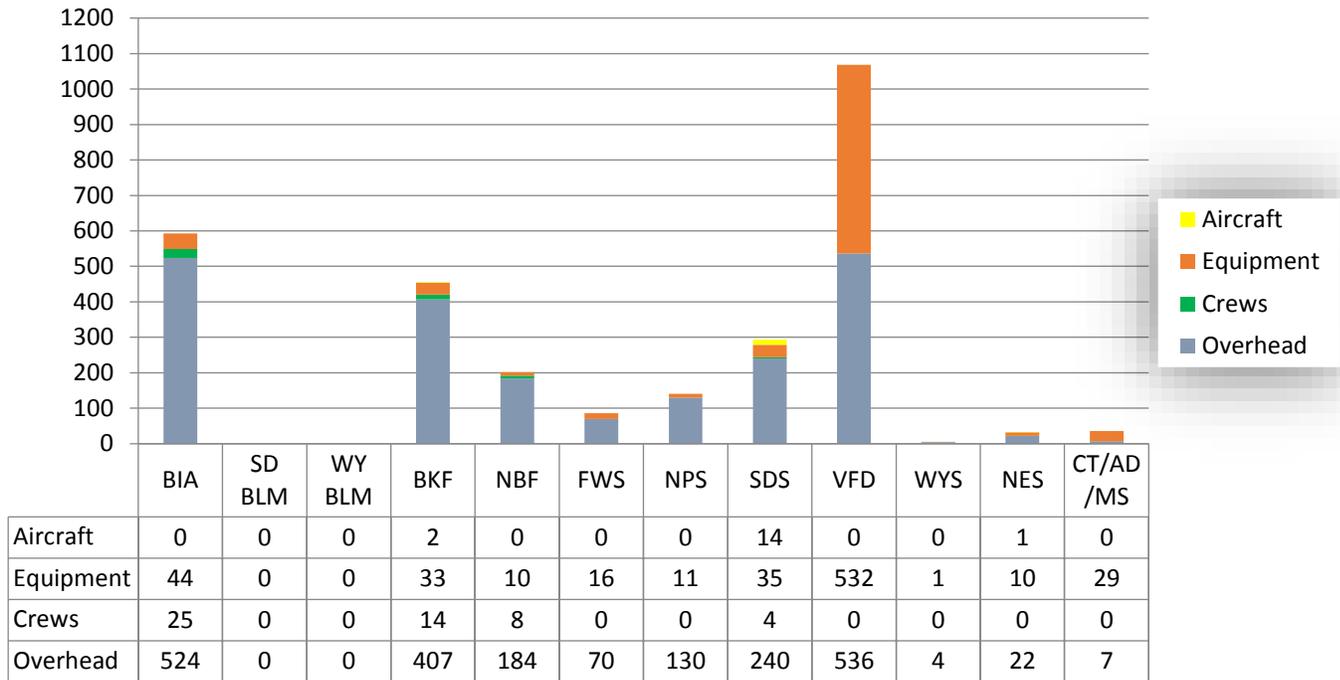
## State of South Dakota – Hot Springs Seat Base with T-435

Hot Springs Seat Base	Total # of Loads (sorties)	Total Gallons Delivered	Number of Fires
T-435	44	23,328	12
Other SEATS		2,687	
Total		26,015	

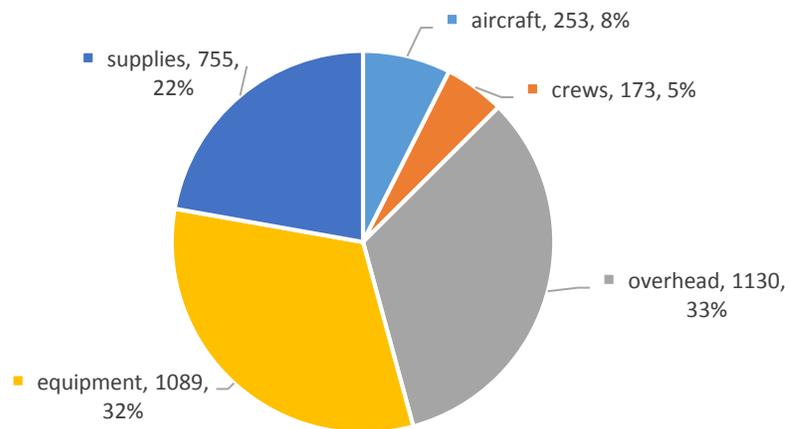


# Resource Management by GPC for 2017

## Resources Stated in ROSS



## Resources Ordered



Resource Orders Filled by Agency 2017					
	Overhead	Equipment	Crews	Aircraft	Supplies
VFD	103	227	0	0	0
BKF	272	302	47	119	277
SDS	221	243	73	77	204
NBF	84	113	10	0	24
NPS	238	69	9	24	122
BIA	156	80	23	14	124
FWS	38	6	0	0	0
WY	0	4	11	2	3
GPC/PVT	10	0	0	7	1
NES	3	3	0	10	0
GACC/NIC	5	42	0	0	0
SD BLM	0	0	0	0	0
WY BLM	0	0	0	0	0
TOTAL	1130	1089	173	253	755
CANCEL	110	93	20	32	89
UTF	62	11	3	10	1
DELETED	8	9	2	1	847

