



Coffee Brief

Date: July 27, 2019

Yesterday's Weather Summary

A weather front coming from the Bering Sea made landfall over Alaska's west coast yesterday. The weather front will advance eastward very slowly before it dissolves over the western Interior today and Saturday.

A low pressure system over the Gulf of Alaska will bring rain to the southeast panhandle for the next couple of days. A lobe of energy associated with this low will also rotate into the southeastern Interior today, bringing a chance of rain.

Further north, widely scattered wet thunderstorms will occur again today in the northeastern Interior and along the eastern Brooks Range. While the atmosphere is moist enough to ensure that the majority of these thunderstorms will be wet, the fuels in the Upper Yukon Valley are very dry, so some new fire starts and increased initial attack are possible. Isolated thunderstorms will then develop over much of the Interior on Saturday and Sunday.

In the longer term, the weather pattern is progressive, with a given weather feature only affecting the greater Alaska region for a couple of days before being replaced by the next feature. Much uncertainty exists concerning the course to be taken by a low hovering in the Russian Far East this weekend. The low head track toward Alaska next week, but the exact track is uncertain...the latest numerical simulations of the atmosphere depict a more northerly course that would leave much of Alaska's Interior dry, but these numerical simulations have been inconsistent.

Preparedness Levels & Alaska Fire Activity

Alaska	4
National	2

Light Initial Attack Activity New Fires and Acres: 3 Fires 64 acres
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A **[Fuels and Fire Behavior Advisory](#)** remains in effect for Alaska.

Fuels/Fire Potential

The Fire Weather Index (FWI) has moderated across much of the state. The holdout being the Upper Yukon Valley which still shows elevated potential for fire spread.

The Duff Moisture Code (DMC) has been reduced due to recent rain. Areas that have been missed by the rain still exhibit high resistance to containment.

On the other hand, the Drought Code (DC) has not dropped significantly, even in areas that have received rain. Resistance to extinguishment still remains very high to extreme across much of the state.

Resources

Aviation within Alaska	
Jumpship	6
Air Tactical	12
Air Tankers	4
Scoopers	10
Utility	12
T1 Helicopter	0
T2 Helicopter	27
T3 Helicopter	17

Crews Committed within Alaska		
Type 1	3	AK
Type 2	7	AK
Type 2IA	2	AK
Module	1	AK
Type 1	9	L-48
Type 2	3	L-48
Type 2IA	11	L-48
Module	9	L-48
Total Crews	45	

Departing Crews

Jet #14 EA	Jet #15 SOPS	Jet #16 NR	Jet #11 NOPS	Jet #17 NW
Commercial @ FAI	BFL - ANC	MSO - FBK	RDD - FBK	RDM - FBK
MOB 7/12 -DMOB 7/27	MOB 7/12 -DMOB 7/28	MOB 7/13 -DMOB 7/29	MOB 7/8 -DMOB 7/30	MOB 7/15 -DMOB 7/31
Midewin IHC	Bear Divide IHC	Lewis & Clark IHC	Elk Mountain T2IA	UMF #2 T2
MOCC #1 - T2IA	Dalton IHC	ND Zone Interagency	Modoc T2IA	OR MAF #4 T2
MOCC #2 - T2IA	Inyo IHC	Idaho Panhandle IHC	Eldorado IHC	Central Oregon #2 T2
Ohio State Crew - T2IA	Breckenridge IHC	Eastern MT Interagency #2	American River IHC	Puget Sound Regs T2
NJS #1 - T2IA	Vista Grande IHC	Chief Mountain IHC	Mad River IHC	MED Crew 10 T2

Arriving Crews

Jet #20 EA
HIB - FBK
MOB 7/27 -DMOB
MOCC #3 - T2IA
IIC #1 - T2IA
WIC #1 - T2IA
MNCC # 1 - T2IA
MNCC # 2 - T2IA

Tactical Notes

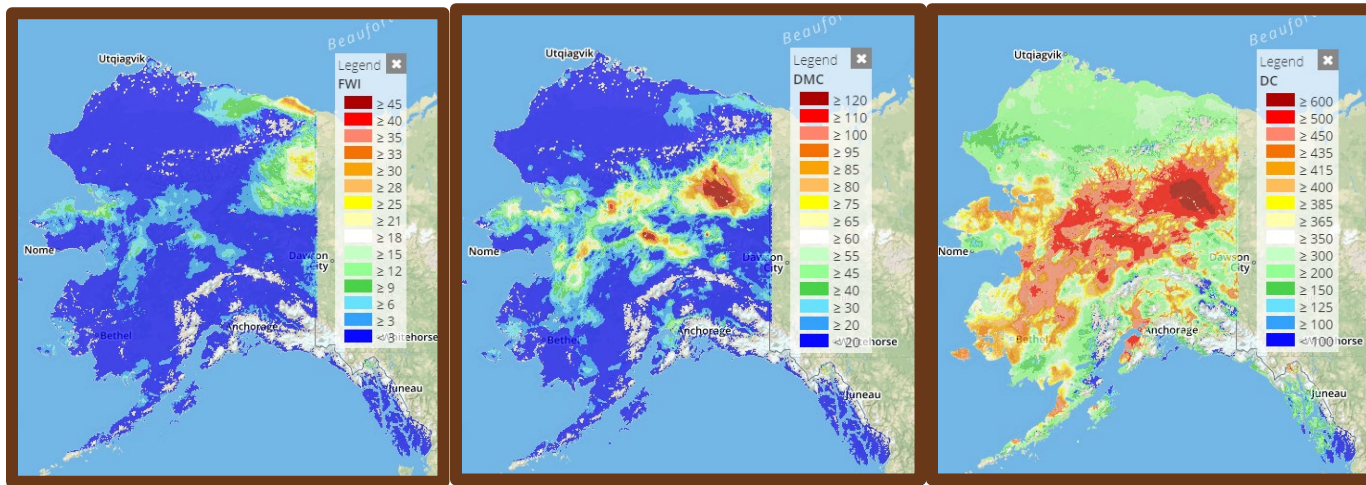
- Issued 3 new fire numbers (687-689)
- 687 took 2 loads of SMJ's few rounds of A/A
- 682 utilized A/A the 415's and fire bosses
- All tactical resources except J-63 returned to FBK
- Fire 687 demobed 8 SMJ's

For additional Incident information refer to the [AICC Web Site](#).

Top 12 Alaska Priority Summary Based on Most Recent 209's																												
Priority	Unit	Seq. #	Incident	Descriptive Location	Size in Acres	48 hr. Change	% Contained/C completed	Expected Contain/Complete Date	Suppression Strategy	Complexity/IC	Total Personnel	Crews Assigned			Helicopters Assigned			Critical Needs	Threats									
												T-1	T2	T2IA	T-1	T-2	T-3											
1	UYD	466	Chalkyitsik Complex		496,239.0					Type 2 Team Norm McDonald	319	2	4	4	1	2	None											
1.1		407	Bearnose Hill	10 miles SE of Chalyitsik, AK	130,067.0	2,498.0	n/a	8/31	Point Zone Protection (100%)									Structures Native Allotments										
1.2		367	Frozen Calf	25 miles NE of Chalkyitsik	234,293.0	1,226.0	n/a	8/31	Point Zone Protection (100%)									Structures Native Allotments										
1.3		348	Tractor Trail 2	20 miles SW of Chalkyitsik, AK	90,578.0	413.0	n/a	8/31	Point Zone Protection (100%)									Structures Native Allotments										
1.4		424	Tettjajjik Creek	57 miles E of Chalkyitsik, AK	41,301.0	-	n/a	8/31	Point Zone Protection (100%)									Structures Native Allotments										
2	UYD	899	Cornucopia Complex		89,511.0					NIMO	396	4	13	4			4 IHC or 4 T2 crews											
2.1		337	Hadweenzic River	26 miles NE of Beaver	60,856.0	-	n/a	8/31	Point Zone Protection (100%)									Multiple allotments										
2.2		493	Tony Slough	8 miles NE of Beaver, AK	7,961.0	-	n/a	8/31	Point Zone Protection (100%)									Structures Native Allotments										
2.3		572	East Fork Chandalar	25 miles N of Venetie	190.0	-	90	8/31	Point Zone Protection (100%)									Native Allotments										
2.4		573	Pitka	45 miles NW of Beaver	1,260.0	-	n/a	8/31	Monitor (100%)																			
2.5		594	Thazzik Mountain	25 miles NW of Venetie	3,333.0	-	n/a	8/31	Monitor (100%)																			
2.6		601	Coal River	29 miles NW of Venetie	2,301.0	-	n/a	8/31	Monitor (100%)																			
2.7		602	The Woodsman	31 miles NW of Venetie	0.1	-	n/a	8/31	Monitor (100%)																			
2.8		621	Trail Creek	50 miles NW of Beaver	2,132.0	-	n/a	8/31	Monitor (100%)																			
3.9		622	Sixty-One Mountain 1	38 miles N of Beaver	72.0	-	n/a	8/31	Monitor (100%)																			
2.10	349	Chandalar River	5 miles SW of Venetie	11,162.0	-	n/a	8/31	Point Zone Protection (100%)	Native Allotments community of Venetie																			
3	TAD	485	Grouse Creek	9 mi NE of Rampart, AK	50,418.0	20,142.0	0	8/2	Point Zone Protection (100%)	Type 3 IC Long/Montoyo (t)	87	3		1			1	None	Community of Rampart Native Allotments Structures									
4	KKS	181	Swan Lake	5 miles NE of the community of Sterling	102,229.0	-	75	8/31	Confine (53%), Point Zone Protection (26%), Full Suppression (21%)	Type 2 Team Pisarek	190			2		1	1	None	Structures Infrastructure									

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5	FAS	319	Shovel Creek	20 miles NW of Fairbanks	21,309.0	-	56	7/30	Full Suppression (100%)	Type 3 IC Babender, Joe Krock, Thomas t	37					1	1	None	Private properties Residential Subdivisions
6	DAS	409	Rainbow 2	Rainbow Lake	18,750.0	-	0	12/31	Point Zone Protection (100%)	Type 3 Team Zhaper, Chris D'antonio	73			2				None	Communities of Richardson Clear and South Bank
7	SWS	534	Smith Creek	2 miles W of Donlin Mine	67,273.0	14,166.0	80	9/1	Point Zone Protection (100%)	Type 4 IC Cook	22	1						None	Structures Mining Infrastructure
8	SWS	498	Kolmakof Hills	E of Suter Creek and West of Kalmakof River	9,573.0	-	100	9/1	Point Zone Protection (100%)	Type 5 IC Biedshield	25	1						None	Minimal threa to structures
9	SWS	487	McCally Creek	1 mile S of Red Devil	3,097.0	-	75	9/1	Point Zone Protection (100%)	Type 4 IC Baumgartner/Spargo (t)	22	1						None	Village of Red Devil
10	UYD	324	Hess Creek	29 miles SE of Steven's Village	185,185.0	-	48	7/31	Monitor (30%), Confine(10%), Point Zone Protection (60%)	Type 3 Team Watsabaugh	99		3				1	None	Mining Camps Residential Structures Radio Tower Public Use Cabins
11	FAS	508	Kobe	62 miles SW of Fairbanks, AK	896.0	-	96	7/27	Full Suppression (100%)	Type 3 IC Cowie	39		1					None	Structures
12	GAD	535	Mauneluk River	30 miles SE of Ambler	8,297.0	2,421.0	n/a	8/30	Point Zone Protection (100%)	Type 4 IC Kobayashi	38	1					1	None	Structures Native Allotments

Alaska Fire and Fuels



For additional fuels information visit <https://akff.mesowest.org/>

The Coffee Brief will be posted at PLs 4 and 5 only.

