

GF Trib - Carol's comments

All the material points to a saga of man against the elements, in which the men often do not come out even.

The grasshopper detail is excellent -- the fear of the ultimate horror of plague descending.

Rainfall and crops, and the drama of a wet promising June, followed by almost drought conditions in some places -- going along with the false early reports that the grasshopper danger was thought to be over -- build a lot of drama, even in the raw notes.

Not much detail yet about CCC recruits and their trailbuilding and firefighting. Should be good way to get at a lot of Depression history and anecdote. City recruits also could provide fictional contrast with savvy of Forest Service personnel.

July 7 hailstorm detail is good.

Numerous references to winter wheat drop -- and just what that is should be made clear at some point.

GF TRIB - July 1, 1939

Misc. prices

Bay's sports shirt, Mont. Ward, 49¢

Palm Beach suite, The Hub, \$15.50

Women's swim suits, The Parer, 1.95 and 2.95

Gillette Tech razor w/5 blue blades, 49¢

Food: Victory Market

leg of young mutton 15¢ lb.

spring chickens 23¢ "

panc roast 12¢ "

lard 4 lb. for 29¢

Softway: Urethane 11¢

Tomatoes, 3 lb. 25¢

Swifts sliced bacon, 25¢ lb.

Mens Florsheim shoe sale \$7.85

Lifeway soap 4 bars 25¢

Philco refrigerator \$119.⁹⁵ and your old box

7-6p. 3 Buick Special, 4-door touring sedan \$894 delivered at Flint,

Milk. + taxes and options →

Stadelaker Champions, \$660 delivered South Bend, Ind.

AAA records { 27 1/4 m. p. g.
5,000 miles in less than 15,000 minutes

Payless Drug:

Whistling tea bottles, 49¢

Tobacco - 1 lb. tin - Velvet, Prince Albert, Half & Half, Raleigh, 78¢

Barclay's Caravan Whisky. 1 pint; \$1.85 qt.

Men's shirt sale, The Paris. \$1

Great Falls Sporting Goods Co.

rucks 15¢ and up

pales 25¢ " "

chairs 55¢ " "

lives 5¢ " "

lures 5¢ " "

nets 35¢ " "

Schelling's coffee - 4 lb can, 92¢

School Boy products bottles, 5 lb can, 83¢

7/9 Real Estate: substantial C.F. homes: ^{new} 5-rm bungalow + 3 lots, \$5,800
modern bungalow, 5 rms w/ bath, \$6,750

Ranch - ~~substantially~~ 160 acres, 12 mi south of C.F. 3-rm house,
barn, etc; good well & spring - \$1200 or trade for city property.

Ch. Acantha 30 Jul '39

Chot Public

wool buyer for Dewey-Gould Co. 7 Boston bought $1\frac{1}{2}$ mil # in area
in last few wks. 10 cars shipped out 7 Choteau, 12 out of Browning;
• last car left Jul 18.

- price 19¢ to 23¢; wool lighter than usual but gd condition

→ Chot., Tom Larson's clip. largest, 80,000 #

→ -Browning, Roy Cleary's " " , 160,000 #

Mont. 4th in '38 wool producer (behind Tex, Wyo & Cal.)

3d in " wheat " (" Kans & N Dak.)

1st in " mustard seed

24 Aug: 2.8 mil shp shown in Mont. this yr; wool clip 26 mil # ('38: 25,245,000)

ave 9.5 #/paca ('38: 9.9 #)

larger clip expected next yr because stockmen bldg herds from
'36-7 low point

over

24 Aug: lighter lambs expected because of dry July's effect on range

Ch. Acantha 10 Aug '39

Chet Pub Lib

→ - Month. retail sales ^{June} up 8.5% over same mo '38;
but 4.4% below May '39.

Auto sales up 26%, shoes down 11%.

Ch. Acantha, 30 Jul '39

Chat. Pub Lib

→ '39 assessment totals for Teton County:

\$ 321,295 sheep ('38: \$ 294,475)

- ~~80,000~~^{79,650} work horses ('38: 80,080)

- 40,705 range " ('38: 39,868)

- ~~445,240~~^{497,195} cattle ('38: 445,240)

- range cows: 236,790 ('38: 220,560)

increase of 9781 sheep & goats 3mo year; inc of 2070 cattle

Ch. Acantha 10 Aug '39

Chas Publ Lib

- cool weather brings halt to crop damage (statewide)
- in Choteau, ^{all-night drizzle &} 30° temp night of Aug 6-7 ruined gardens. "Old timers have difficulty in recalling when such a severe frost had visited here so early." See on troughs. Mustard crop ruined.
- harvest ylds poor in county: W wheat 16-20 bu.

24 Aug: spring wheat yield better in Pandroy - 15-20 bu. - than in e. part of county.

- July was 7th driest in W Service records; ave. precip. .68", .71" less than mean ave. of last 45 yrs.
- winter wheat not so hurt because of its advanced growth, but spring " suffered. ~~Irrigated crops & ranges made excellent growth; livestock has ample feed.~~
- livestock conditions nearly normal, but ranges need rain for fall feed. Some 'hopper damage to range, but grass cured so rapidly 'hoppers did not have time to make serious inroads

Ch. Acantha, 4 July '48

Ch. Pub Lib

- Ranger aces: anyl entering forest must have ax, shovel & pail,
for duration of fire season.

- possible use: bucket regulation; or, SAP time

. Choteau Montanian, July 31, 1896

"Lt. Pershing (sic) in command of Company D Tenth Cavalry, creating sev'l hundreds of Cree Indians are just passing thru town on their way to Canada as we go to press. They intend to camp at old agency this evening."

5 July '82: Bud Olson y'day coincidentally mentioned version of this he'd heard from Jess Gleason, Choteau painter, who says the Pershing expedtn occurred when he was 5 or so years old: Pershing's soldiers were blacks, from Fort Shaw(?), and the Crees evaporated into the brush sufficiently as they were being escorted that Gleason claims Choteau area Indians are Crees, not Blackfeet.

possible Use: Toussaint remembers the Pershing expedtn going thru Gros Ventre

Ch Acantha, July 13, '39

Chot. Pub Lib

- fire danger in L & C increasing; 3.9 on a 1-7.4 scale.

- Jimmy Peak thout being consctd as result of fire prev'n studies of last summer. "Types of fuel o. ground we observed

→ & approx 150 possibl thout pts... mapped." Of 3 mu, 0.25 picked to be manned

→ - July 20: 6" snow on Wright Pk & Bear Top Pk last night; "sudden cool weather" in Chot. .39" rain at Gales Park in L & C, reducing fire hazy.

- July 27: week of cooler weather

- Aug 17: fire danger up; from 2.9 on Aug 9 to 6.4 Aug. 16

- 6 addtl thouts stationed

- fire o. 7 Columbia Falls in Bad Rock Canyon; Aug. 16, 584 men on fire; 50 of them from Belt Creek CCC camp 300 mi away; they passed thru Choteau early Wed. morn.

Ch. Acantha, June 1, '39

Chot Pub-lib

- Going to Sun Hwy open; earliest ever since h'way opened original
in '33
- July 13: GPk at deer up alt 1000 over June '38: 21,087 this June

Ch. Acantha, July 6, '39

Chat Pub Lib

- 1st crop alfalfa gen'ly less than '38; moisture conditions good for 2d.
- shearing made gd progress during wk (though not in Teton Co.)
- best supply irrigator water in yrs
- " ranges in yrs
- in Teton, June was cool except June 22, 81°.
- July 10: crops suffering from hot dry weather 7 past wk; ^{97°}~~95°~~ in Chatan Jul 10
 - hopper damage increasing: n & e of Power, & at Collins
 - " Farmers who checked the flds last Fri & ~~went~~ were surprised when they went back on Mon. & find hoppers working o. edges 7 the flds."

Ch. Acantha, June 8, '39

Chot Pub Lib

- ranger issues summer creeds for Teton Dist:

- 9 lookouts

→ - 2 men

- 2 packers

- allotments cut 33% for protection admin, & notes & telephone lines,
drift fences, trails & roads

- grazing season opens June 16 for cattle & horses, July 1 for sheep;
" " closes Sept 30 " " " " Sept 15 " " .

1390 cattle & horses allowed

12 bands of sheep, 11 of them n. of Birch Creek

- June 29, '39: at fish & game com'n, in coop c #5, to survey beaver
damage - rivers, irrigation ditches, summer home sites - for possible
→ trapping & transplanting.

Ch. Acantha, June 8, '39

Chot Pub-Hib

- 63,000 Wash'n sheep shipped into Mont. last mo for summer grazing,
total of 200,000 Wn sheep 3mo summer because 1 gd grass crop.

Ponderosa County News

22 June '39

Conrad Paul Lib

- .85" rain during week

29 June

- 82° on .28th; 36° low on .26th; ideal w/ 1 crop weather

13 Jul

4 hot wind

- blistering heat, damaging crops. Temps: Jul 6 - 75°

light shower on 11th, but did little good.

Irigator busy abt 2 hrs/day: outlet canals

from L. Frances running bank full.

Morn of 12th, hot wind from S indicated

another hot day, but @ 7 a.m. shifted to N.

4 temp dropped 15° in an hr.

- editorial: ditches being run too full, "breaks more acceptable" & so water is "w/ ditches along roads." where it does no good except for weed beds. Irrigation was slight because of rainy weather, now water is being rushed to save crops.
onto fields

20 Jul: .18" rain "this morning" - early, was over abt 6 a.m. - relieved
• hot weather, helped crops. Heavy rain needed; even irrigated crops
showing places of heat damage. Some hot winds during week.

Temps: Jul 13 - 92

" 14 - 95

" 15 - 96

" 16 - 88

" 17 - 82

" 18 - 91

" 19 - 85

27 Jul: Heat continues.

Temps: Jul 20 - 87

" 21 - 76

" 22 - 87

" 23 - 84

" 24 - 90

" 25 - 95

" 26 - 93

10 Aug. - Frost. (see next card)

3 Aug: Temps: Jul 27 - 93

" 28 - 98

" 29 - 94

" 30 - 97

" 31 - 93

Aug 1 - 85

" 2 - 86

10 Aug - weather
(Pondera County News)

Conrad Paul-Hib

5 Aug, "temp was up in . 90s + a blistering hot wind blowing"

6 Aug, "cloudy, rainy, freezing wind" that night. Beans,
flowers, other vegs nipped.

Temps: Aug 3 - 95

" 4 - 92

" 5 - 91

" 6 - 71

" 7 - 69

" 8 - 65

" 9 - 64

17 Aug - Temps -

" 10 - 81

" 11 - 90

" 12 - 91

" 13 - 92

" 14 - 93

" 15 - 89

" 16 - 89

24 Aug - Temps - Aug 17 - 92

" 18 - 90

" 19 - 78

" 20 - 89

" 21 - 74

" ~~22~~ - 90

" 23 - 90

OVER

31 Aug - Tempo - Aug 24 - 88

" 25 - 89

" 26 - 88

" 27 - 89

" 28 - 83

" 29 - 82

" 30 - 80

Pondera County News

Conrad Pub Lib

3 Aug '39: 1st wheat yield is light; from farm e. of Conrad, 5 bu/a. w wheel;
"best wheat prospects in yrs up to Jul 1, when dry weather struck."
Farmers report grain = large heads but only a few grains to
head, beat check's growth 1 grain. $\frac{1}{2}$

24 Aug: harvest in full swing; country ave. abt 12 bu/a.; dry land 8-12 bu.

Pondera County News

17 Aug '39

Conrad Pub Lib

- School to open Tues, Sept. 5
- grade bldg "re-halsomined"

Pondera County News
15 June '39

Conrad Pub Lib

- rain every day. past week except Thurs: total .59"
 - Valer area had heavy rain
 - cool weather retarding 'hopper hatch; farmers urged "to bait. fence lines where hoppers are $3/8$ " in length"
- City agent says ready to bait 700,000 acres at once.

29 June: MSU agronomist advises leaving untreated strip along edge
of hayfield (such as alfalfa) to bait & poison.

13 Jul: 'hopper outbreaks in trunks 27 & 28, R 1 + 2 E; reported
also betw Francis Heights & ~~the~~ Dupuyer.

WPA crew preparing bait at warehouse in Conrad

Morning spreading is best, esp. when temp above 60°. Hoppers "begin
to climb. wheat stalks & clip heads from 10 o'clock on while they
are sunning themselves."

Bait at Valer at county yards. No charge, but bring own sacks.

see xeroxed article in 'hopper file folder

Pacific Historical Review, Feb. '83--Leonard Arrington article, New Deal in the West

Pendora County News
6 June '39

Comad Pub-lio

- crowd of approxmtly 4000 disappointed when train carrying
Cm Prince Olaf + Princess Martha 7 Norway did not stop.

--catch the small-town mood of the Depression

Mont H Soc

Forest Fires file

G# Trib 12-26-61: top 10 news stories, #2 drought & 'hoppers':
"poorest wheat crop in 21 yrs & worst barley
crop in 25 yrs."

Pondera County News

Contract Pub. Lib.

22 June, '39

- fed gov't ~~and~~ let contract for 4 new dikes & increasing height of 4 others at Tishum Reservoir; will provide more steady supply of irrig water for 86,000 a. in Greenfields Dist.

GF Trib

	<u>hi</u>	<u>lo</u>	<u>precip</u>
June 1 -	63	38	
" 2 -	60	34	.04
" 3 -	66	31	
4 -	not given	45	.05
5 -	72	43	.08
6 -	61	35	T
7 -	57	38	.05
8 -	64	40	
9 -	66	45	T
10 -	66		
11 -	not given	37	T
12 -	61	44	.24
13 -	62	44	.10
14 -	70	38	.21
15 -	53		

Weather (Cut Bank)

	<u>hi</u>	<u>lo</u>	<u>precip</u>
June 16	not given		
" 17	58	42	.65
" 18	not given		
19	57	42	
20	68	41	
21	70	45	
22	71	56	
23	76		
24	not given 76	44	.13
25	not given		T
26	64	42	
27	70	42	
28	78	43	
29	76	46	
30	79	48	

over

day's weather is . preceding 24 hrs ending at 5:30 pm

G# Trnr

July 1	84	54	
" 2 not	swan		
3 "	"		
4 "	"		
5 "	73	54	
6	73	45	
7	73	52	
8	82	48	
9	not given		
10	93	46	
11	98	57	
12	92	63	
13	91	49	
14	89	51	T
15	93	53	T

Weather (Cut Bank)

July 16	not given; FFAi	97	
4 17	87	57	
18	76	50	
19	89	49	
20	85	50	
21	80	50	.07
22	77	54	T
23	not given		
24	81	60	.03
25	90	53	T
26	94	52	
27	92	57	
28	92	59	
29	100	55	
30	missing		
31	100	60	

GF TRIB

Aug. 1	85	59	
2	83	44	
3	—	—	
4	92	47	
5	91	54	
6	—	—	
7	50	43	.01
8	67	32	—
9	65	48	.15
10	64	46	.19
11	80	37	
12	90	52	
13	—	—	
14	89	57	
15	91	47	
16	89	60	

Weather (Cut Bank)

Aug. 17	86	52	
18	85	47	
19	74	46	
20	—	—	
21	88	37	
22	87	53	
23	89	40	
24	90	46	
25	87	48	
26	86	55	
27	—	—	
28	86	58	Trace
29	84	58	Trace
30	76	53	
31	78	46	

Pondera County News
8 June '39

Conrad Pub Lib

- full head of run-off into L Frances from Swift Dam to
Dup. Creek, expected to last 2 + weeks; ample for
irrigation - rest of season

GF TRIB

Weather (Cut Bank)

Sept. 1 - -

2 80 42

3 - -

4 (Labor Day)

5 83 53

6 73 58 Trace

7 48 41 .01

8 70 24

9 76 47

10 - -

11 82 39

12 77 39

13 70 38 .14

Sept. 14 59 40 .19

15 62 46

GF TRIB

⁶
~~8~~ Sept--p. ~~16~~ 7, co. 3--Rains ease fire...

Light rains Tues. night & early Wed. along the main range of the Rockies considerably eased the fire danger, says R.T. Ferguson, supervisor of L&C forest. No new fires reported in 24-hour period & small squads are working on mopping up operations on the last of 37 fires reported this season in the forest. All are under control.

#

(Sat.)

2 Sept.--4 new lightning fires in L&C; on Belt Creek, on Badger Crk w of Dupuyer, in the Highwoods, and in Indiana gulch, ~~xxx~~ trib of Tenderfoot Crk in Little Belts

→ --apparent reference to Chinese Wall fire: "The Thurs fires, both on Ahorn Crk near the top of the cont'l divide, were put under control early Friday by 30 firefighters who walked 15 miles to them late Thurs., fought them all night and reported them whipped early Friday forenoon. In addition to carrying with them heavy tools with which to fight the fires, the men also carried their own food supplies, the 'iron rations' of the FS, with beans, cheese and chocolate predomntg....The Ahorn Crk fires were in a heavily timbered area and might have been serious had not the fighters been aided by a cool morning."

GF TRIB

Sept. 1, p. 16, col. 7, Two forest fires (omit last graf)

I&C lookouts reported two new lightning fires nr. top of continental divide and far from any road. One on East Fork, other on West Fork of Ahorn creek, about 6 mi. apart nr. its junction with the Sun river, on the east end of the Chinese Wall.

About 30 men living in the region dispatched immediately & supplemented Thurs. eve by several truckloads of CCC enrollees from the Neihart camp. All had to walk 12 to 15 mi. carrying firefighting equipment.

Emergency rations will be dropped this forenoon from airplanes. Addtl food supplies by pack train expected to reach them by late aft.

Fires scouted Thurs. aft. by Ranger Tom Wiles, in charge of the Sun River Dist., flown by Earl Vance from Missoula.

#

GF TRIB

31 Aug--CCC, "shock troops" for FS, y'day called to 2 fires:
(in L&C)-- 28 CCCs from Lewistown to lightning fire in east end
Big Snowys, controlled fire after 5 acre burn; grp of 15 from
Neihart CCC to Moose Crk in Little Belts, also lightning-caused.

GF TRIB

30 Aug--Scattered showers during last few days haven't lessened fire danger in L&C, accding to chief ranger. In last 48 hrs, six lightning fires, all under control; total 24 fires in forest this yr, abt equally lightning and carelessness. Until rain comes, all lkout points will be manned.

GF TRIB

29 Aug--p. 1, col. 6, Burning Snags...(grafs 1,4-7)

p. 10, col. 4--Fire Danger~~xxx~~ remains critical in L&C despite rain in GF: LIGHTNING FIRES ON Monroe and Glenn Creeks in Flathead, tribs of N. Fk of Sun R., near L&C boundary; aerial patrol says not large

Burning snags killed Donald Beck, company 530, CCC, Libby--struck in head--on Quartz Mtn fire in Kootenai forest Sun. evening; and Larry Mazarakos, Company 1235, CCC Priest River, Sat. night on Gleason Mtn fire on Kaniksu.

--other fires: along Kelley Crk on Nez Perce forest, 9500 acres; Dominion Mtn on the Kaniksu, 1800 acres, 329 firefighters; Gunsite fire, 40 acres, on Kootenai; 25 acre-Caribou fire, Blacktail and Spark Peak small fires, all also on Kootenai
--"thousands" on these fires

M GF TRIB

27 Aug--p. 6, col. 1, 200 lightning fires...

MISSOULA, Aug. 26 -- More than 200 new lightning fires had been reported in region 1 to hq here this evening, with crews fighting to control several large blazes as electrical storms sprayed the mts. with lightning & new fires.

Largest was the Kelley creek blaze, covering 8,500 acres & being fought by 733 firefighters who, officials, believed, would have the troublesome Nez Percé blaze under control by tomorrow morning.

#

GF TRIB

Power lines...

26 Aug-- p. 1, col 7 (grafs 1, 2, 5)

--p. 5, col 7--16 radio sets...

Lightning, accompanying a thunder & rainstorm here Fri. night, dealt havoc to lines of Montana Power Co. & silenced radio station KFBB for nearly an hour.

A bolt struck a power line west of the city at 9:27 p.m. severing it & interrupting broadcasting from the local radio station. Took nearly an hr. to repair....

GF & vicinity got first precipitation in nearly a month when a heavy shower fell shortly before 6 p.m. Fri. Intermittent thereafter. Some sections got brief but heavy hailstorm. Federal weather bureau at airport reported .29" of precip. to 11 p.m.

#

16 radio sets... 16 shortwave two-way radio sets are being used in a twice-daily fire patrol checkup in I&C national forest.

Located at strategic points...reports made morning & evening to local forestry station. Altho no fires in region, fire danger ratings are broadcast regularly

Shortwave sets located at Belt creek, Choteau, Augusta, Badger Ranger Station, Zortman, Crystal Lake, Highwood CCC camp and the following lookout stations -- Jimmy, Larson Caribou, Lakeview, Old Baldy, Crown Mt., Castle Mt. and Williams.

#

12 25 Aug--p. 4, col 5, Wheat Bins (1st 3 graf) (*put on separate card*)
11 --p. 6, col. 1, More Men (omit last graf)

Emergency guards are supplementing regular staff in patrolling all recreational areas of L&C as a precaution against fires.

Supervisor R.T. Ferguson, with Asst. Suprvisor Fred Kennedy, left Thurs. on regular inspection trip of L&C areas. Will visit Teton, WSS and Musselshell districts.

Regular staff in L&C includes 30 men on patrol duty. Because of low humidity, fire danger is now critical and 14 addtl guards have been placed at strategic locations.

No fires at present, but contd warm weather has made the area highly inflammable. Officials believe lightning will follow recent sultry spell. Visibility at present is poor & possibly a plane may be used in scouting if conditions continue...

GF TRIB

25 Aug--Mon^d trappers marketed 45,240 pelts in '38-9 season;
inc 6748 beaver; 35,308 muskrat; 2936 mink...trapping is allowed
Dec. 15-March 15...

10 24 Aug--p. 12, col. 4, Fire Danger (1st 3 grafs)

"Weather conditions in I&C natl forest now are extremely critical," R.T. Ferguson, supervisor, announced Wed. No fires are reported.

Fire ratings as computed by scientific instruments at strategic points are as follows: Elephant Rock in the Musselshell drainage, 5.3; Belt creek, 4.9; Benchmark, 6.1; Gates park, 5.3; and Badger, 6.7.

Due to a haze, visibility has been materially reduced in most sections of the forest, and humidity is generally low[#] with a brisk breeze. in most localities. Scattered thunder showers are forecast.

#

GF TRIB

Wheat Bins Constructed at Harlowton

HARLOWTON, Aug. 24 -- Construction of outside storage bins, which will hold thousands of bushels of wheat, has been completed at the local plant of the Montana Elevator Co. Five floodlights have been erected which light the bins and surrounding ~~xx~~ grounds.

The 22 large concrete storage bins, which have a capacity of 600,000 bushels, are completely full and wheat being shipped in is now stored in the outside bins.

The elevator co. began operations at this point in about 1911, and this is the first time addtl storage has been required...

#

GF TRIB

24 Aug--Harvesting winter wheat finished almost ev'where in Mont and spring grain is beyond danger from hail or hoppers.

Weather good for haying and threshing; except for 1st cutting alfalfa damaged by rain, hay excellent.

Matured range feed for winter grazing appears ample.

GF TRIB

22 Aug--Housewives advised to can peaches and pears now; season will be over by Sept. 1

--ass't regnl forester in Missoula says tepee system of herding produces fatter lambs (85-90#); story reads as if system is comparatively new, but didn't folks use it on Grassy in '34?

GF TRIB

20 Aug--Harlowtown: abt 30 cars of new winter wheat passing thru terminal daily, mostly from Lewistown area.

19 Aug--p. 1, cols ~~57~~ 6-7, Forest fire fighters (graphs 1 & 2, and locations of other fires)
--p. 2, col. 2, Lupine poisoning...

MISSOULA, Aug. 18 -- A day free from wind permitted forest service fire-fighting crews to make remarkable progress in checking flames through the region, new & old fires being struck effective blows within the lines as practically all were placed under control or on a mop-up basis.

Missoula's watershed in the Rattlesnake valley was threatened by a 7-acre fire 5 mi. from the Franklin ranger station, apparently started by a trespassing fisherman along Rattlesnake creek. The entire area had been closed to entry for 10 days....

40-acre fire burning nr. Osburn, a few mi. west of Wallace...quelled...

Bull lake fire burning...job for lg. force for rest of summer...started from a ~~gas~~ gas engine explosion nr Lake Five, bet. Kalispell and Belton...

No spread was reported from the Cabinet fires, 5 of which believed to have been set by incendiaries.

#

BOZEMAN, Aug. 18 -- Several rather extensive losses of sheep due to lupine poisoning in past few days...

Sm. Crowley, Ringling rancher, reported the loss of 50 head yesterday, attributed to eating the poisonous weed's seeds by the sheep. A Madison valley rancher reported loss of 35, and other smaller ones have been noted.

(over)

"This is the time of year when poisoning occurs," Dr. Howard Welch, veterinarian at Montana State college said. "The seeds and seed pods are the source of the poison, and they are forming now. Danger of poison will continue until perhaps the middle of October."

#

14 18 Aug--p. 1, col. 8, Crews battle (summarize 1st 6 grafs)

KALISPELL, Aug. 17 -- Several forest fires, two and possibly 3 of them major blazes, raged in western Montana today as hundreds of firefighters worked to control them.

A new & perhaps serious outbreak reported here. Flathead forest^P officials ordered 100 men to a blaze in area bet. Kalispell and Belton....burning east of the Bad Rock canyon fire.

A blaze in Kootnai forest on Bull lake today had covered nearly 2,000 acres... 700 men partially encircled it tonight, but still burned uncontrolled on eastern front, and feared high winds might sweep it out of control.

Crew of 400 attempting to control fire in about 600 acres of timber in the Thompson river canyon nr. Thompson Falls.

Bad Rock canyon fire, burning since Thurs., reported under control...caused by careless smoker...covered 50 acres south and 100 acres north of the river in the old Half Moon fire territory.

Two small man-caused fires, one in heavily wooded section at Hubbard's dam, the other about 2 mi east of Lupfer, had been placed under control by state and Northwest Montana Forestry association crews today...

#

GF TRIB

18 Aug--fire danger highest in L&C of 17 forests in region;
9 new lookouts, mostly in Teton dist. and in Little Belts

--p. 5, col. 4--Hot Weather hurt ranges ~~xxxx~~ during July;
altho gains slowed during the month, cattle are fattening
normally; some grass-fat cattle moving to market.
sheep now on high ranges, where feed is good.

17 Aug--p. 9, col. 6, State crops...

HELENA, Aug. 16 -- Showers & cooler weather helped growth of pastures & irrigated fields in Montana last week.

The federal weather bureau and agricultural marketing service, in their joint crop report today, said the cool weather of the past week aided in filling of grains, and rains added to summer fallow storage which will be of particular help for fall seeding due to start in 2 wks.

Rains during wk of most benefit to eastern Montana.

Frosts have occurred in western Montana, with slight damage to potatoes and garden crops. The report added:

"Haying, harvesting and threshing were delayed in the heavier rain areas of central and eastern Montana, but made good progress during the last half of the wk.

"Winter wheat yields continue fairly good, with above average quality. Early spring wheat yields...are much reduced as a result of heat and drouth, and in some areas grasshopper damage.

"Irrigated grain crops and corn, beans and beets have made excellent growth.

"Irrigation water supplies were improved by recent rains.

"Grasshoppers continue flying & doing some damage to green crops in a few areas. Their activity, however, has generally lessened.

"Range conditions were helped by the rains, and ~~the~~ livestock condition continues good."

15 Aug -- p. 1, col. 3, War, Rains Aid Montana Stockmen

HELENA, Sept. 14 -- Two conditions -- war and rains -- have extended economic encouragement to Montana stockmen since Sept. 1.

The war situation has changed the mkt. outlook to offer higher prices, the federal agricultural mktg service reported today. Rains have assured improvement in grass and stock water.

Marketing of cattle and sheep has begun, the service said, but stockmen may make last-minute changes "in view of recent events and the large supplies of hay and winter feeds."

Rains have assured improvement in grass and stock water, although the Sept. 1 condition of ranges at 83% of normal was 6 points lower than a month earlier and 12 points below that of a year ago.

Condition of cattle and calves declined about 3 points during Aug. but was 3 points above the 10-year average. Cattle and calves on summer range, however, scored better than average gains in June and most of July, and grass fat cattle now ready for mkt are reported showing weights not much below the favorable averages of a yr. ago.

In western Montana, where on Sept. 1 a larger and earlier cattle mkt movement was indicated, recent rains which improved the fall pasture outlook & mkt price advances may now encourage some stockmen to hold back intended marketings. An unusually lg. supply of hay and other winter feeds also is a factor.

(more)

Conditions of sheep and lambs on Sept. 1 was 89% of normal, a point above the 10-yr average. Early shipments of lambs, while showing somewhat lighter weights, compared with 1938, were heavier than those of any recent season excludng last yr. The beginning of the lamb mkting season found prices weakening, but this trend was reduced soon after the first stock train left the state.

"It is believed," the report contd, "that only about 40% of the 1939 lamb crop was contracted in advance, and that mkting plans regarding the disposal of at least half the crop may be altered somewhat in view of recent mkt action and improved range conditions."

#

GF TRIB

15 Aug--local tomatoes to be ready abt Sept. 1; local potatoes
in a week or so.

13 Aug--Belt: winter wheat crop ave 30-35 bushels; area has only about half crop of '38.

2
→ p. 12, col. 1, Augusta region rains...

AUGUSTA, Aug. 12 -- Crops have taken new lease on life within the last week. Most gardens & grain fields had last rain late June, then nipped by frost before July 4. Heavy frost in 1st week of Aug. reduced growing season to less than 45 days w/o frost. Potatoes & other tender crops lost all their outside leaves. Then came much-needed rain & new growth. If Indian summer days stay long enough there may still be some garden crops & a little grain. Hay, although much lighter than a yr. ago, still grew enough to tide most ranchers through the winter.

#

12 Aug.--p. 3, col 6--water use restriction § (summarize)

--p. 5, col 2, Rattlesnakes more numerous...*(put on separate card)*

--p. 10, col. 2, Lewis-clark rains (grafs ~~1~~ 1, 2)

Water use restriction of city water for irrigation, in effect since July 28, removed Fri. by city water dept. Hot, dry weather had overtaxed water system; reservoir levels and pressure could not be maintained...cooler weather this week and rainfall have eased situation.

During past 2 weeks only half of city residents could water lawns at one time. Irrigation entirely forbidden during a fire.

#

Snow & rainfall in L&C the last few days has considerably relieved the critical condition, A.J. Cramer, chief ranger, said Friday.

About 2" snow fell in the Belts on Wed., 1.74" of rain in the Jefferson division in the Snowy mts. as compared to .10 to .26" in the Rocky mt. division.

3 emergency men stationed at lookouts in the Jefferson div. were removed Mon. to maintenance work but will be reassigned if fire hazard again reaches critical stage.

#

GF TRIB

11 Aug--p. 5, col 6, wheat crop forecast (Mont Yield only, grafs 1-2)

The agriculture dept. today forecast this year's corn crop at 2,459,888,000 bushels and the wheat crop at 731,432,000, based on the condition of crops Aug. 1.

The corn forecast a month ago was 2,570,795,000 bushels and wheat 716,655,000. Corn production last year was 2,542,238,000 bushels and the 10-year average, 1928-37, was 2,309,674,000. Wheat production, (winter and spring wheat combined) was 930,801,000 bushels last year, and the 10-year average 752,952,000....

10 Aug, p. 3, col 1, Fine wheat harvest

--p. 10, col. 6, Little rainfall.

Fine wheat harvest... FORT BENTON, Aug. 9 -- Rain and cold weather temporarily halted combining in Choteau county. Work of harvesting one of the largest winter wheat crops the county has raised is well toward completion, although many fields are not finished.

Winter wheat yields in the Big Sandy section were reported as from 20 to 35 bushels an acre, with a few fields topping 35.

The Hegna elevator in Geraldine completed a storage building to hold 10,000 bushels of wheat.

Winter wheat protein content is high, with up to 17% reported from tests.

Little Rainfall...FORT BENTON, Aug. 9 -- July brought only .52" of rain...more than double the .21" reported at the Havre weather office. Accumulated deficiency of moisture in this area in 1939 is nearly 3 inches.

#

GF TRIB

9 Aug--est. 2.8 million sheep sheared in Mont., pelts ave 9.5#;
21¢ # (19¢ in '38). Sheepmen still bußlding up flocks toward
numbers prior to drouth yrs of '36-7.

GF TRIB

7 Aug--fires under control in western Mont: on the Helena forest, in Selway primitive area of Clearwater along the Lochsa R. in Idaho, and Dead Elk Ridge blaze in Bitterroot w. of Hamilton. 150 acre fire in Cabinet forest near Thompson Falls being fought by 400 men, expected control by night.

GF TRIB

6 Aug., Sunday--Y8day afternoon, forest fire threatened town of Hot Springs, burned 2 farms, 150 acres timber and grass. Another, more serious fire in Lochsa R. region of Selway area of eastern Idaho; 326 men trying to hold it from sweeping up Lochsa R; steep, rugged, snags, windfalls; lightning started. --Another fire on W. Fisher Creek in Huckleberry dist abt 35 mi s. of Libby

GF TRIB

5 Aug--p. 1, col 8--Continued dryness...

p. 4, col 7, Crops saved (grafs 1, 4, 5)

p. 10, col 2, Forest fire danger (1st 2 grafs)

Continued Dryness...HELENA, Aug. 4 -- Continued dry weather may soon assume a drouth aspect over much of the western half of Montana, the federal agricultural marketing service indicated today.

The severity of the situation is indicated by records from 74 stations which recorded only .67 inches of rainfall during July compared with a normal of 1.39 inches and 2.14 inches in July last year.

Earlier June rainfall in much of eastern and southern Montana has enabled this part of the state to escape serious damage to pastures and ranges to date.

#

Crops Saved Are Worth \$⁽⁹⁰⁾9,000, SIDNEY, Aug. 4 -- The grasshopper campaign is concluded in this county and is declared a success by County Agent Theodore Fosse....

Bait was furnished from five mixing stations in Sidney, Savage and Lambert, and 350,000 acres of cropland and 600 acres of other land were protected at an estimated saving of \$900,000.

The following materials were used: 30,344 sacks of bran, 3,456

~~to~~

tons of sawdust, 61,690 gallons of arsenic and 183 tons of molasses, making a total of 18,159,425 pounds of bait distributed. Over 1,000,000 pounds of this bait was spread by the two airplanes....

Forest fire danger...

Mounting fire danger, made acute by continued hot weather and consequent drying of tall grass throughout the mountains in this section, resulted Friday in the adoption of emergency measures by officials of the Lewis and Clark national forest.

Included was the manning of all lookout points in the forest for the first time this year, the placing of smoke chasers in strategic areas, the moving of maintenance crews to points where they will be available for quick action in areas where fire danger is acute, the cancellation of leaves of all members of the regular forest force and orders to all employees to hold themselves in readiness for action at any time....

#

GF TRIB

4 Aug--3 add'l lookouts posted in L&C forest, in Little Belts
"where grass in lower open portions and on southern slopes is
excessively dry."

*Grass uder heavy stands of timber still green.

GF TRIB

3 Aug--Lack of rain since July 1 caused premature curing and drying on ranges and pastures; counties just east of divide espclly.

GF TRIB

2 Aug--winter wheat harvest in Ft Benton area likely to finish next week; spring wheat, damaged by drought and prematurely ripened by hot weather, almost ready to cut.

--Harlowtown: hot weather reduced spring wheat crops

--Ft Benton: hopper damage up to 40% on some winter wheat; hoppers flying over county for about 3 weeks

GF TRIB

1 Aug: rain eases fire danger in western Mont; Missoula FS regional hq reports 9 fires, all but one under $\frac{1}{4}$ acre

--lateness of summer drought not serious to winter feed, espclly with large carryover of old hay and other feeds last/spring.

--local green corn now available

GF TRIB

31 Jul: guest edit Sydney Herald mentions doubt that poisoning
rather than nature ended hoppers.

GF TRIB

30 Jul--300 men on fire near Big Creek ranger station on N. Fork of Flathead; 350+ acres burned following high winds 2 days ago; lightning started it, in heavy down timber

--Ringling overpass completed.

--showers break heat: Conrad had .12"

GF TRIB

28 July--frnt p. pic of winter wheat being cut in GF area
"near Volta": crawler tractor ~~wixx~~ pulling two combines, cutting
48' swath

--Glasgow, Jul 27: hopper control campaign ends in Valley county,
15-20% of crop lost to hoppers. 250 spreaders, 6 airplanes,
13 million # of poison mix.

--pilots encountered hoppers between GF-Lewistown as high as
8000', but no evidence of massed flight

GF TRIB

27 July--winter wheat crop being harvested, mostly escaped "serious deterioration before intensive heat and high winds struck...Most of crop in central Mont counties also escaped damage from migratory grasshoppers..."

--part of ~~oat~~ oat and barley crops being cut for hay to escape hopper damage.

26 July--predator kill, fiscal yr ending 30 June, in Mont:
3573 coyotes, 103 bobcats, 21 bears, 5 mtn lions, 1 lynx

→ p. 12, col 8, Forest crews...

In line with policies developed in recent years, men are being moved to strategic positions in the Lewis and Clark national forest in anticipation of fires which forest officials hope will not materialize.

Many of the mountain lookout stations are now manned, and in addition, men who have been employed at the edges of the forests in road work, trail maintenance and similar occupations are being moved to jobs closer to the danger ~~area~~ zones.

Movement of men into strategic posts is governed by several factors, including daily recordings of humidity, heat, wind and so on. When these readings show that fire danger has become acute, men are concentrated in areas where they can be most effective.

The danger in Lewis and Clark national forest has been lessened somewhat by recent cool nights, but still is acute because of the heavy growth of grass which is now ripening, and which will prove ideal fuel until fall rains set in, according to R.T. Furgeson, forest supervisor.

GF TRIB

24 July: Sidney--"airplanes, spreading tons of poisoned bait, are zooming low over eastern Mont., leaving dead grasshoppers by the bushel in their wake."

GF TRIB

used by
ch. 3 G V Gtm
quote

22 Jul--guest edit, Wolf Point Herald on wheat crop: "This is the
'next year' we have read about and dreamed about."

21 Jul--ewe lambs at Sweet Grass sold as high as \$7.50/head

--Mirror Plateau fire being mopped up; 2500 acres burned; 700 men, 14 pumps; "Fire parties hunted down and stamped out numerous spot blazes kindled by flaming embers carried over the area by high winds y'day...small fires were located by aerial scouting parties."

→ p. 9, col 1--Rockies, Belt peaks...

Peaks of the main range of the Rockies west of Augusta were mantled in a new blanket of snow as a fairly heavy downpour of rain fell at lower altitudes from Glacier park to Helena. A light powdering of snow also fell in the Little Belts, according to reports reaching Lewis and Clark forest headquarters, but there was little moisture content in this unseasonable flurry.

No lightening or thunder accompanied the early morning precipitation, which began in the great Falls area about 5 a.m. Thursday. The rain and wet snow extinguished the man-made forest fire on a ridge near Gibson dam, except for smoldering embers in slide rock, which was patrolled.

While the rain and snow eliminated the forest fire hazard for the present, forest officials pointed out that the woods will dry quickly if hot, dry winds of last week supplant cool cloudy weather that now prevails.

GF TRIB

20 Jul--Winds whip Mirror Plateau fire in Y'stone out of control;
500 men on fire for 5 days, 100 more join them; 1300 acre fire.
"The fire started to run in the White Lake area..."

--1st winter wheat to elevators at Ft Benton, 25 bu /acre

--wkly crop report, ~~6 to copy?~~

--dryland spring sown grains were wilted by heat and winds; winter
wheat and fall rye turning in most areas; harvesting in Sanders
and Richland counties

GF TRIB

19 Jul--June was coolest since 1916; in eastern part of state,
wettest June on record

--fire in Sun R. canyon, between Norwegian gulch and Beaver gulch
brought under control last evening; in grass and old burn. Dist
ranger, 4 local men, and CCC boys from Augusta camp put it out.

GF TRIB

18 Jul--5 acre fire in Glacier Pk under control; 100 men have been on the blaze for 2 days on S. fork of Valentine Creek in Waterton lake dist. 23 small lightning fires in pk since 14 jul.

--garden veks ready: peas, carrots, beets, turnips, lettuce, cabbage

GF TRIB

17 Jul--1000 acre fire in Yellowstone, on Mirror Plateau--11 mi.
NE of Fishing Bridge. 175 men on fire, 300 more on way

GF TRIB

16 July--10,000 acres of forest fires in Pac NW: 700 men on Klamath county fire, other~~x~~ fires in Mt. Baker and Wenatchee forests.

GF TRIB

16 July--shearing completed on Blackft Resvn, 20 carloads wool
shipped, 20-22¢#.

--windstorm blew down 500 trees across McDonald Lake highway
in Glacier Pk on 13th. Lightning started 4 spot fires in S. fork
of Flathead region and 1 in N. fork

GF TRIB

15 Jul--6 $\frac{1}{2}$ hr flight of hoppers over Havre.

--largest flight of yr started into Fergus County around Grass Range; ave. 30 to sq yd.

~~15~~ --hoppers hatching in Pondera County; outbreak in s Pondera basin; some nr Brady, n. of Valier, and between Francis heights and Dupuyer. WPA crew is preparing bait daily in warehouse at Conrad. Infestation has been increasing since '36

GF TRIB

14 Jul--4th day of high winds in GF, 5th of heat wave; qtr inch of rain, needed for spring wheat. Winter wheat harvest to begin next week; no hoppers in area

--L&C forest supvsr warns of fire hazard; 6 lighting fires in past week. 2 fire crews, 1 in Belts NW of WSS, 1 on Cabin Creek above Judith ranger station. Other 4 brought under control by lookouts and rangers.

GF TRIB

12 Jul--4-5hr flight of grasshoppers over Malta: "The flight did not form a cloud, but the glistening wings of the grasshoppers could be seen against the sun. At the rate they seemed to be flying on the wind, it is believed the hoppers might be carried beyond Philips County into Canada."

GF TRIB

11 Jul--elec'l storm late previous aftnoon dropped temp from 98 to 76 in less than hr; lightning blew out elec'l svce for awhile, candles used in restnts in early evening. By 8:30 that morn, temp was 85; 99 by 1:30 pm

--106 at Billings

GF TRIB

10 Jul--guest edit, Grass Range Review: bemoans lack of putting up hay, "thousands of acres going to waste...and never of finer quality nor more abundant." If in few yrs before 1919-20 "farm n'hoods had gone together...they could have put enough hay to have weathered it thru to spring...The sight of thousands of cowhides on the wire fences still haunts...as well as the %40 a ton hay shipped from Lord knows where in the Dakotas."

GF TRIB

8 July--grasshoppers migrating from SE descended on grain fields
8-12 mi. s of Chinook; poison bait being made--22 cars of poison
ingredients ordered

--Glacier Pk auto travel up 31% from '38; especially more out-of-
st cars.

GF TRIB

7 July--hailstorm n of Havre nr Canadian line, Signal Butte and Greenman Coulee areas; crops 100% lost in swath 6 m. wide and 15 long. Stones abt size of small hen eggs; chickens and lambs killed.

GF TRIB

Jul 3, Monday--GF weather prevs day, 81 and 52

4 Jul-- ", 76 & 56

GF TRIB

2 Jul--hundreds of fishing licenses sold in GF stores for 3-day holiday; GF Sporting Gds C. nearly 500 in last few days

--new 55-mps ~~m~~ight speed law in effect

GF TRIB

1 July--shower preceded by 50 mph dust storm from fields s of GF last night broke heat wave that reached 89; storm broke abt 4:45 pm after hot cloudless day. On Gore Hill road, thousands of tumbleweeds shot up hillside and across highway, "at times making an almost solid wall 8 to 10' high." Branches torn from trees. At 1st Ave N bridge, "thousands" of swallows "apparently enjoyed drifting momentarily in the lee of the n side of the bridge, then ascending high into the stormy wind...and again drifting thru the archways to rest in the lee again."

GF TRIB

30 June--Glasgow: 2 crop dusting planes from Mississippi used against hoppers in Valley county; flying 50-100' high, carrying 600# load, each began poisoning along brush and timber in Milk R. valley from Glasgow

GF TRIB

29 June--Rising temps stimulated grain and grass past wk. ranges "very green". G'hoppers becoming active with warm dry weather, "are beginning their flights...most of which have occurred in SEly direction."

--hail hit n and e of Vida (nr Wolf Point); farmer NE of Vida said rain guage showed $1\frac{1}{2}$ " rain in 10 min.

GF TRIB

27 June--local radishes and green onions ready; also lettuce from Bitterroot. Straws late, Mont crop expected last of July,

GF TRIB

26 June--business prospects best in years: ag'l outlook, public and private projects, oilfield activity. Sale of govt loan-stored wheat has put \$ into circln in last month. Wool price better than last yr; ample hay and grass. In G^F, school constcn, civic center, airport, fairgnd bldgs. 50 new houses being built in GF. ~~Anaconda~~ Anaconda employment has held up.

--st entomologist warns that grasshoppers not killed as expected by wet weather; greatest danger in area centering on n Rosebud and s Garfield, "where a combination of early dry weather and later grasshopper injury has practically denuded the land.

GF TRIB

23 June--body of Wallace Busey, 30, publisher of the Valerian, fnd y'day by ditch rider for Valier Land & Water Co.; top of head blown off by 12-gauge, beside the body. Missing 2 weeks; body a half mile west of Lake Francis dike, 10-12' from water. B has widow and 2-yr-old child; lived in V abt 4 yrs; UMont; made pub'r of V'ian by his father, pioneer n'man who founded Conrad Indep't. B left home 7 June, leaving note indicating he didn't intend to return.

--J.B. Long & Co. sold 200,000# wool clip for 22.75¢ # to Forte-Dupee-Sawyer of Boston, 1 $\frac{1}{2}$ ¢ higher than '38. Abut half of fleeces from Stanford area, rest from Browning area,

--possible use: "The J.B. Long outfit contracted its wool for 22 $\frac{3}{4}$ cents, a full cent and a half up from the previous year."

GF TRIB

22 June--rain delaying haying; some alfalfa past prime.
--shearing has started, but most waiting for warmer weather
--winter wheat is well headed out in some areas; tip burns
from frost showing up in Fergus and Basin, will cut ~~well~~ *yield*;
spring wheat mostly good, and well stooled.

GF TRIB

21 June--best crops in 20 yrs at Froid; hopper damage checked;
7+" rain in June

18 June, Sunday--p. 1 banner: Heavy Rains Soak Montana Crops
heavy rains Fr. night and Sat. "gave further promise of bountiful
crops and abundant forage ..." "Accompanying low temps, which
brought snow to the mtns, threatened death to grasshoppers and
crickets..." many dirt roads impassable...snow in Big and Little
Belts...some families came in from summer cabins because of
wet chilly weather..."Rains this season have been unusually
effective because they have been frequent and have not been of such
volume as to permit an appreciable runoff..."*water standing in
pools in fields shows grnd saturated...

GF Trib

15 June--pic of Piegan Blackfeet tribal members with role in new Shirley Temple pic, "Susannah of the Mounties", inc: Yellow Kidney, Bull Plume, Night Shoot, Old Person, Iron Pipes and Shoots First. World premiere to be at ~~Browning~~ at Liberty theater 17 June.
GF

--ed'l on rain and crops: "...great relief to spend a month of June again wondering whether we can find a dry day for a picnic instead of worrying because the clouds prove 'empties.'"

--Terry Trib guest ed'l: grass on north side up to 6" tall, "most moisture since spring of '27

--deputy US marshals traveling n. Mont from Libby to Wolf Pt report the area "drenched", they hit as many as half a dozen heavy rainstorms daily

GF TRIB

13 June--GF merchants' assn decided not to ask men of city to grow whiskers to advertise fair, "a practice ...common in other Mont. cities in connection with public events..."

--guest ed'l Conrad I-O: near dollar wheat prospect has farmers jubilant. "Dollar wheat means...that once more the farmer can 'go to town,' where he will not only pay taxes and interest but 'buy more of the products of industry'...direct result of farm program inaugurated under ag'l adjmt act of 1938...very far cry from general ave. of 30¢ bushell in 1932

--NDak rainfall below normal

--rain most of Sun. night (13th is Tues.) at Pendroy and Augusta;
GF June rain is .62" more than '38 June so far.

GF TRIB

11 June--18 million bushel winter wheat crop f'cast: 6 mil less than '38, but more than double the '28-'37 average.

--farmers had most small grains seeded by 1 June.

--past 2 wks' rain replenished irrigation supplies in higher elevations

--"all-Montana day" (Jul 2?) proclaimed by Gov. Roy Ayers to make Mont.'s 50th annvrsy as state.

--record 180,000 barrels run thru Sunburst refinery in May

--rains and cool weather have held mormon crickets and hoppers in check, but warmer weather will increase hazard. Insects maturing in worst infested area, eastern third of state.

--rains revived range where growth had nearly stopped during hot dry weather in early May.

--precip since Apr 1 3.72", virtually same as '38; Mont. wheat yields near-record in '38

GF TRIB--

10 June--GN ass't general freight agent says NE Mont rangelands have recovered, due to season's rain: where a few yrs ago all grass was apparently gone, high thick forage. No signs of grasshopper damage

GF TRIB

9 June--Most of eastern Mont recd 100-175% normal rainfall during
Apr-May. Baker and ~~EX~~ part Fallon Cnty, 5.62";
SE

--dry streak from Havre s. to Wyo. line; "in this long narrow
area precip ranged 50-69% normal...deficiency extended w. into
Teton, Casc., Meagher, Bwtr, L&C, Gallatin and Madison cnties, where
rnfall was 60-70% normal, but just west of divide moisture equing
or excdng normal..."

GF TRIB

8 June

--Wkly fed weather report, rainfall from $\frac{1}{4}$ "-1" in western part of state, $\frac{1}{4}$ "-2" in eastern. "Hay crops, ranges and pastures showed good improvement...lack of warmth slowed progress of some garden truck and root crops." ... "late-sown spring grains developing good root systems and stooling heavier" Winter wheat in the boot or heading in more advanced sections. Alfalfa blooming, 1st cuttings in Lake and Yellowstone counties.

GF TRIB

7 June--cow elk moving from Sun R. watershed across cont'l divide to calving grnds on west side 2-3 wks earlêer than usual, accding to supvsr L&C nat'l forest. Most of drifting herds crossing at n. end of Chinese Wall. FS tagged 25 elk calves in '37, 89 in '38, wants to tag 100 this year. Elk cows endeavor to calve each spring in same area. "Tagging crews report much snow in coulees and canyons near summit, altho grass growth is about 3 weeks ahead of last yr."

--possible use: work into dialogue, showing how lush a summer it is

6 June--heavy rains in n central Mont~~xmxxx~~ during the night:
"virtually no bad spots in state as far as moisture conditions
are concerned.....showers have been coming along at the right times
and in right amounts to keep things growing..."

p. 4

--5,040 boys at work in 32 CCC camps in Mont.: trail constct,
pulling wild durrant and gooseberry bushes in blister rust control
program (on Cabinet Nat Forest, on Thompson River), telephone line
and lookout tower constct, tree planting; horse trails; fighting
forest fires.

GF TRIB

5 June--Good crops forecast in Mont; "wheat crop in eastern and north central Mont. will depend almost entirely on extent of grasshopper damage..." Plenty of moisture

--"Showers that started in the afternoon and became increasingly heavy during the evening..." in GF area: Choteau .07", Conrad .06

--"Mormon cricket menace in Cascade county appeared to have been wiped out by scientific control methods pursued during the past two years." "A yr ago 56 men were working full time in this county with power dusters, hand dusters and metal barriers..." 28,000 acres cropland dusted, $8\frac{1}{2}$ mi. metal barriers used, 42,950# of poison dust spread.

3 June--Crn Prince Olav and Crn Princess Martha of Norway arrive in GF, en rte by train Yellowstone to Glacier Pk.

--Conrad: "Announcement of another test on west Pondera structure on which 3 wells have found showings of oil..."
1923, ~~we~~ 1st well drilled n. of Bynum, in NE corner of Section 34-27n-6w; 2 more follwed nearby, this one a mile w and $\frac{1}{4}$ mi. south of them "which proved too high on the structure." ("West Pondera is a 'nose' running onto the Sweet Grass arch from the vicinity of Bynum to the Pondera oil field...")

4 June--more oil news: producing wells near Shelby

GF TRIB

2 June--30,000 fleeces of Musselshell ranches sold at Roundup,
22 cents a pound.

--fishing good in smaller streams, Sun, Smith and Dearborn Rs.
still "too roily."

GF Trib

1 June--Showers general east of Cont'l Divide "bringing much-needed moisture to wide areas of farm land." .45" at Glendive, raining at Ft. Peck and Williston ND; .19 Livingston; .13 Miles City and Butte; .19 GF; .25 Billings; "All those stations were in sections in need of rain."

p.7--Jul 1, st law goes into effect, any person driving more than 55 mph at night chgble with reckless driving

2 June--"Rains drenched most of Mont's farm and range areas today." Billings: 1.25"; .95 Lewistown; Miles City, .51.

"Montana's range forage this year is 'a little stronger'--the stockman's way of saying it is slower growing and more nourishing, Dr. W.J. Butler, state veterinarian, said today. He said stockman had advised him 1939 grass, in contrast to last year's 'mushroom' growth after drenching spring rains, was developing at a more normal pace. 'This is most satisfactory, as the best range forage is grass that grows slowly enough to properly assimilate minerals and food products nourishing to grazing herds....' The grazing outlook in Mont. continues good, B said, despite existing drouth conditions in some sections of NDak and central Wash'n....63,250 sheep were shipped from Wash'n during May..."

GF Trib, 31 May '39

4--Browning high schl band to welcome Princess Martha and Crown Prince Olav of Norway at Glacier Park station; band to be in Blackfeet costumes.

--possible use: reference to "some Swede king"