

1948

N O R T H E R N P A C I F I C R A I L W A Y C O M P A N Y

N. P. RY. CO.  
Office of Shop Supt.  
JAN 16 1948  
LIVINGSTON, MONT.

OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

DISTRIBUTION OF POWER

JANUARY 1, 1948

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The following changes were made in assignment of locomotives during the month of December:

Lake Superior Division locomotives Nos. 2413 and 4024 were transferred to Saint Paul Division and Fargo Division respectively.

Lake Superior Division locomotives Nos. 1813, 1819 and 1833, and Fargo Division locomotive No. 1798 were leased to the Canadian National Railway.

Saint Paul Division locomotives Nos. 1768 and 1793 were leased to the C.M.St.P.& P. Railway, also Yellowstone Divn. No. 1717.

Fargo Division locomotive No. 2385 was transferred to Saint Paul Division.

Total number locomotives assigned 799.  
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G. L. Ernstrom,

General Mechanical Superintendent.

DISTRIBUTION OF POWER

Service		L.S.	St. Paul	Fargo	Y.S.	R.M.	Idaho	Tacoma	Total
<u>PASSENGER</u>									
	A	12	28	2	5	23	18	28	116
	S	-	-	-	-	1	-	1	2
	W	-	1	-	-	-	-	-	1
1948	Z	3	2	-	2	1	8	4	20
	A	13	23	7	7	32	21	30	133
	S	-	2	-	-	3	-	-	5
	W	-	-	-	-	-	-	-	-
1947	Z	3	-	-	-	-	5	2	10
<u>FREIGHT</u>									
	A	37	49	62	53	65	71	91	428
	S	2	3	2	4	2	6	2	21
	W	-	-	-	-	-	-	3	3
1948	Z	4	-	1	1	2	1	4	13
	A	40	47	63	60	70	75	89	444
	S	2	5	5	2	4	4	6	28
	W	-	2	-	2	-	1	-	5
1947	Z	1	2	1	2	2	3	3	14
<u>WORK</u>									
	A	-	-	-	1	1	4	2	8
	S	-	-	-	-	-	-	-	-
	W	-	-	-	-	-	-	-	-
1948	Z	-	-	-	-	-	-	-	-
	A	-	-	-	-	1	1	4	6
	S	-	-	-	-	-	-	-	-
	W	-	-	-	-	-	-	-	-
1947	Z	-	-	-	-	-	-	-	-
<u>SWITCH</u>									
	A	40	42	12	29	22	17	63	225
	S	-	2	-	2	-	-	2	6
	W	1	-	-	-	-	-	-	1
1948	Z	-	-	-	-	-	-	-	-
	A	38	38	12	26	24	17	69	224
	S	1	-	-	2	1	-	5	9
	W	-	-	-	-	1	-	-	1
1947	Z	-	-	-	-	1	-	5	6
<u>LEASED</u>									
1948		3	2	1	3	-	9	4	22
1947		-	-	-	2	-	9	4	15
<u>TOTAL</u>									
	A	92	121	77	91	111	119	188	799
	S	2	5	2	6	3	6	5	29
	W	1	1	-	-	-	-	3	5
1948	Z	7	2	1	3	3	9	8	33
	A	91	108	82	95	127	123	196	822
	S	3	7	5	4	8	4	11	42
	W	-	2	-	2	1	1	-	6
1947	Z	4	2	1	2	3	8	10	30

"A" Assigned

"S" At Shop

"W" Waiting to go to shop

✂ Stored not serviceable or awaiting disposition.

DISTRIBUTION OF POWER

Class	L.S.	St. Paul	Marquette	Y.S.	R.M.	Idaho	Tac.	Total
A					4		8	12
A1							1	1
A2		2	4	4				10
A3		6			2			8
A4		8						8
A5			10					10
#DE (Switch)	1	11	3	(2)4	4	8	(1)20	(3)51
#DE (Road Switch)		1	2				1	4
#DE (Freight)				5			11	16
#DE (Passenger)		7						7
G1		3				1		4
G2	6	2		6	2	3	1	20
L7				1			(1)	(1)1
L9	18	1			2	(2)	(1)31	(3)52
L10	3	5						10
Q1			4		1	1		6
Q3		8	1		2	2	1	22
Q4		2	8		2	14	7	35
Q5		2	2	5	8			19
Q6		6				2	12	20
S4					5	(3)19	10	(3)34
S10	1							1
T	6	11	1				1	19
T1	2	6	4				2	14
W	14	21	10	8	11	(4)10	(1)13	(5)87
W1	1	1	7	3		4	16	32
W2			2	5		3	6	16
W3	(3)17	(2)2	(1)14	(1)18	14	18	34	(7)117
W4				6				6
W5	4	14			7			25
Y				2	6			8
Y1			1	4	5			10
Y2						4	7	11
Y3	2				2	1	1	6
Z3			3		8		1	12
Z4					4			4
Z5				6	6			12
Z6				7	4	10		21
Z7					6			6
Z8					6	10		20
Leased On	(3)	(2)	(1)	(3)		(9)	(4)	(22)
Division Total	89	119	76	88	111	110	184	777
1948 Total	92	121	77	91	111	119	188	799
1947 Total	91	108	82	95	127	123	196	822

Note: Locomotives leased are shown in parenthesis.  
 Diesel-Electric locomotives indicated: #.

DISTRIBUTION OF POWER

SUMMARY

<u>Division</u>	<u>Total Assigned</u>	<u>Total on Division</u>	<u>Leased</u>	<u>Engines Stored in Serviceable Condition</u>	<u>Engines Stored Unserviceable Waiting Disposition</u>
Lake Superior	92	89	3	4	7
St. Paul	121	119	2	-	2
Fargo	77	76	1	8	1
Yellowstone	91	88	3	12	3
Rocky Mountain	111	111	-	17	3
Idaho	119	110	9	11	9
Tacoma	188	184	4	3	8
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<u>Total</u>	<u>799</u>	<u>777</u>	<u>22</u>	<u>55</u>	<u>33</u>

DISTRIBUTION OF POWER

LOCOMOTIVES WITH EXTRA OR SPECIAL EQUIPMENT

<u>Division</u>	<u>L.S.</u>	<u>St. Paul</u>	<u>Fargo</u>	<u>Y.S.</u>	<u>R.M.</u>	<u>Idaho</u>	<u>Tac.</u>	<u>Total</u>
Superheaters	90	102	71	79	105	110	132	689
Feedwater Heaters	16	29	16	32	38	25	27	183
Stokers	37	57	47	55	79	61	40	376
Boosters	2	7	-	6	10	-	4	29
Thermic Syphons	3	3	2	7	16	9	3	43
Oil Burners	-	-	-	-	-	4	61	65
Circulators	1	12	12	11	15	14	4	69
Spark Arresters- Master Mechanic	32	23	-	2	10	5	34	106
Spark Arresters- Cyclone	49	54	56	63	69	87	34	412
Spark Arresters- Cannon	11	25	15	15	28	15	21	130
Spark Arresters- Baffle Plate	-	-	-	-	-	-	5	5

Note: All locomotives in the following classes are equipped with Superheaters:

A	Q1	S4	Y
A1	Q3	W	Y1
A2	Q4	W1	Y2
A3	Q5	W2	Y3
A4	Q6	W3	Z3
A5		W4	Z4
G1		W5	Z5
G2			Z6
L10			Z7
			Z8

DISTRIBUTION OF POWER

LOCOMOTIVES LEASED

<u>Engine Number</u>	<u>Class</u>	<u>Division</u>	<u>Leased</u>	<u>To</u>
110	DE	Yellowstone	8-10-43	Foley Bros. Colstrip
123	DE	Yellowstone	8-1- 44	Foley Bros. Colstrip
124	DE	Tacoma	8-10-44	King St. Terminal
1033	L7	Tacoma	5-27-46	Simpson Logging Co.
1052	L9	Tacoma	9-4- 47	King St. Terminal
1054	L9	Idaho	2-14-46	Camas Prairie RR
1074	L9	Idaho	4-14-46	Camas Prairie RR
1355	S4	Idaho	7-20-45	Camas Prairie RR
1357	S4	Idaho	7-20-46	Camas Prairie RR
1372	S4	Idaho	3-28-46	Camas Prairie RR
1506	W	Idaho	9-25-46	Camas Prairie RR
1507	W	Tacoma	7-21-47	Camas Prairie RR
1527	W	Idaho	7-1- 46	Camas Prairie RR
1539	W	Idaho	2-10-47	Camas Prairie RR
1618	W	Idaho	8-26-44	Camas Prairie RR
1717	W3	Yellowstone	12-26-47	C.M. St. P. & P. RR
1768	W3	St. Paul	12-17-47	C.M. St. P. & P. RR
1793	W3	St. Paul	12-17-47	C.M. St. P. & P. RR
1798	W3	Fargo	12-23-47	Canadian Nat. RR
1813	W3	Lake Superior	12-23-47	Canadian Nat. RR
1819	W3	Lake Superior	12-23-47	Canadian Nat. RR
1833	W3	Lake Superior	12-23-47	Canadian Nat. RR

Total number leased 22.

DISTRIBUTION OF POWER

ASSIGNMENT OF GAS-ELECTRIC AND DIESEL-ELECTRIC MOTOR CARS

<u>Unit Number</u>	<u>Trains</u>	<u>Between</u>
B-3	Stored Brainerd	
B-6	Como Shops	
B-11	31-32	Brainerd-Little Falls
B-12	323-324	Lewiston-Stites
B-13	Extra-Brainerd	
B-14	343-344	Lewiston-Grangeville
B-15	Como Shop	
B-16	57-58	Duluth-Staples
B-18	287-288	Butte-Garrison
B-19 (Diesel-Elec)	161-162	Mandan-Mott
B-20 (Diesel-Elec)	111-112	Staples-Oakes
B-21 (Diesel-Elec)	147-148	Jamestown-Wilton
B-22	157-158	Jamestown-Leeds
B-23 (Diesel-Elec)	315-316	Spokane-Coulee
B-24 (Diesel-Elec)	57-58	Duluth-Staples
B-26	29-30	Little Falls-Morris

DISTRIBUTION OF POWER  
LAKE SUPERIOR DIVISION

Eng.					Eng.				
No.	Class	Pass.	Frt.	Work Switch	No.	Class	Pass.	Frt.	Work Switch
100	DE		Brainerd	(Diesel-Elec) x	C%1707	W3			x
328	S10		x	Mxd.	*CH%1724	W3	/Wtg.	x	Disposition
# 1040	L9		Duluth	x	CA%1740	W3		x	
# 1043	L9		Duluth	x	C%1749	W3		x	Brd. Shop
# 1051	L9		Duluth	x	oC%1750	W3		x	
# 1055	L9		Duluth	x	CH%1753	W3		x	
# 1058	L9		Duluth	x	C%1758	W3		x	
# 1061	L9		Cloquet	x	CA%1764	W3		x	
# 1062	L9		Duluth	x	CH%1771	W3		x	
# 1063	L9		Brainerd	x	CH%1774	W3		x	
# 1065	L9		Duluth	x	CH%1786	W3	/Wtg.	x	Disposition
# 1068	L9		Duluth	x	CH%1790	W3	Wtg.	Brd. Shop	x
# 1071	L9		Duluth	x	CH%1796	W3	/Wtg.	x	Disposition
# 1077	L9		Duluth	x	CA%1813	W3	Leased	Can. National Ry.	
# 1112	L9		Duluth	x	C%1819	W3	Leased	Can. National Ry.	
# 1113	L9		Duluth	x	C%1827	W3		x	
# 1114	L9		Duluth	x	CH%1832	W3		x	
# 1115	L9		Duluth	x	C%1833	W3	Leased	Can. National Ry.	
# 1119	L9		Duluth	x	*CH%1844	W5		x	
# 1120	L9		Brainerd	Stored	x CAH%1846	W5		x	
1163	L10		Duluth	x	CH%1847	W5		x	Booster
CA1164	L10		Duluth	x	CAH%1849	W5		x	Booster
1165	L10		Duluth	x	C2148	Q3	x		
1166	L10		Duluth	x	C2149	Q3	x		
1168	L10		Duluth	x	C2151	Q3	x		
C 1175	G2		Duluth	x	C2162	Q3	x		
C 1177	G2		Duluth	x	C2165	Q3	x	/Wtg.	Disposition
CA1178	G2		Duluth	x	C2166	Q3	x	Stored	Brainerd
C 1179	G2		Duluth	x	C2167	Q3	x		
1182	G2		Duluth	x	C2168	Q3	x	/Wtg.	Disposition
1183	G2		Duluth	x	CA2200	Q4	x	Stored	Duluth
1212	Y3		Duluth	x	C2205	Q4	x	/Wtg.	Disposition
1213	Y3		Duluth	x	CAH%2226	Q5	x		
C 1555	W		x		CH%2227	Q5	x		
C%1556	W		x		C#2305	T		x	Brd. Shop
C 1557	W		Duluth	x	#2321	T		x	
C%1570	W		x		C#2386	T		x	
C 1577	W		Duluth	x	C#2419	T	Duluth		x
C%1588	W		x		C#2424	T	Bemidji		x
C%1605	W		x		C#2446	T	x		
C%1609	W		x		#2463	T1	Duluth		x
C%1632	W		x		#2467	T1	Duluth		x
1642	W		Duluth	x					
C%1643	W		x						Assigned.....92
C%1647	W	Stored	x	Duluth					Leased.....3
C%1657	W		x						On Division.....89
C%1659	W		x						# Superheaters, note also sheet
CA%1686	W1		x						"Locomotives with Extra
CAH%1702	W3		x						Equipment".....90
*CH%1703	W3	/Wtg.	x	Disposition					% Stokers.....37

Spark Arresters (Cont.,)  
CA Cannon.....11  
Master Mechanic.....32  
Diesel-Electric.....1

Boosters.....2  
o Circulators.....1  
Spark Arresters:  
C Cyclone.....49



DISTRIBUTION OF POWER  
SAINT PAUL DIVISION

Eng.	Class	Pass.	Frnt.	Work	Switch	No.	Class	Pass.	Frnt.	Work	Switch
	101	DE	Mpls.	(Diesel-Elec)	x	CAH%1835	W5				x
	102	DE	Mpls.	(Diesel-Elec)	x	C%1836	W5			x	Booster
	103	DE	Mpls.	(Diesel-Elec)	x	C%1837	W5			x	
	104	DE	Mpls.	(Diesel-Elec)	x	*C%1839	W5			x	Booster
	105	DE	Mpls.	(Diesel-Elec)	x	C%1841	W5			x	Booster
	106	DE	St. Paul	(Diesel-Elec)	x	CAH%1845	W5			x	
	107	DE	Mpls.	(Diesel-Elec)	x	CH%1848	W5			x	
	108	DE	Staples	(Diesel-Elec)	x	CH%1850	W5			x	
	113	DE	Mpls.	(Diesel-Elec)	x	oCAH%1851	W5			x	
	114	DE	Mpls.	(Diesel-Elec)	x	CH%1852	W5			x	Booster
	152	DE	Mpls.	(Diesel-Elec)	x	C%1853	W5			x	Booster
	157	DE	St. Paul	x Shop (D-E)		CH%1854	W5			x	Booster
#	1088	L9	St. Paul		x	CA%1857	W5			x	Booster
	1160	L10	Minneapolis		x	oCA%1859	W5			x	
	1161	L10	Minneapolis		x	C%2150	Q3	x			
	1162	L10	Brainerd		x	C%2153	Q3	x			
	1167	L10	St. Paul-Stillwatr.		x	C%2155	Q3			x	
	1169	L10	Minneapolis		x	C%2156	Q3			x	
C	1170	G1	St. Paul		x	C%2157	Q3	x			Wtg. Brd. Shop
C	1172	G1	St. Paul		x	C%2158	Q3	x			
C	1173	G1	Staples		x	C%2160	Q3	x			
C	1181	G2	Minneapolis		x	C%2169	Q3	x			
C	1184	G2	Staples		x	C%2189	Q4	x			
C%	1504	W		x		C%2218	Q4				x
	1514	W	Minneapolis		x	HCA%2233	Q5	x			
C	1515	W	Minneapolis		x	CH%2243	Q5	x			
C%	1519	W		x		CH%2246	Q6	x			
	1524	W	Minneapolis		x	CH%2252	Q6	x			Wtg. Dispsobiton
C%	1535	W		x		C%2253	Q6	x			
	1540	W		x		C%2254	Q6	x			
C	1541	W	Minneapolis		x	CH%2255	Q6	x			Wtg. Disposition
C%	1545	W		x		CH%2257	Q6	x			
C	1546	W	Brainerd Shop		x	# 2315	T			East Grand Forks	x
C%	1550	W		x		# 2360	T			x	
C%	1551	W		x		CA%2361	T			East Grand Forks	x
C%	1552	W		x		HCA%2385	T			East Grand Forks	x
C	1554	W	St. Paul		x	# 2407	T			x	
CA%	1561	W	St. Paul		x	# 2413	T			East Grand Forks	x
C	1572	W		x		# 2416	T			x	
C	1574	W	Shop St. Paul R.H.		x	# 2422	T			St. Paul	x
	1576	W	Minneapolis		x	# 2430	T			Shop	x Staples R.H.
C%	1606	W		x		# 2434	T			East Grand Forks	x
C%	1646	W		x		# 2435	T			x	
CA%	1649	W		x		# 2450	T1			St. Paul	x
CA%	1673	W1		x		# 2456	T1			St. Paul	x
*C%	1768	W3	Leased C.M. St. P. & P. Ry			# 2457	T1			St. Cloud	x
*CA%	1793	W3	Leased C.M. St. P. & P. Ry			# 2461	T1			x	
oC%	1817	W3		x		C%2465	T1			East Grand Forks	x
oC%	1825	W3	Minneapolis		x	#2466	T1			x	

SAINT PAUL DIVISION (Cont.,)

Eng.

No. Class Pass. Frt. Work Switch

CAH%2650	A2		x	
CAH%2651	A2		x	
CAH%2660	A3		x	
CAH%2661	A3		x	Livingston Shop
CAH%2662	A3		x	
CAH%2663	A3		x	
CAH%2664	A3		x	
CAH%2665	A3		x	
oCAH%2670	A4		x	
oCAH%2671	A4		x	
oCAH%2672	A4	x		
oHC%2673	A4	x		
oCAH%2674	A4	x		
oHC%2675	A4	x		
oHC%2676	A4	x		
oCAH%2677	A4	x		
6500	DE		x	(Diesel-Elec)
6501	DE		x	(Diesel-Elec)
6502	DE		x	(Diesel-Elec)
6503	DE		x	(Diesel-Elec)
6504	DE		x	(Diesel-Elec)
6505	DE		x	(Diesel-Elec)
6506	DE		x	(Diesel-Elec)

Assigned.....	121
Leased.....	2
On Division.....	119
# Superheaters, note also sheet	
"Locomotives with Extra	
Equipment".....	102
H Feedwater Heaters.....	29
% Stokers.....	57
* Thermic Syphons.....	3
Boosters.....	7
o Circulators.....	12
Spark Arresters:	
C Cyclone.....	54
CA Cannon.....	25
Master Mechanic.....	23
Diesel-Electric.....	19

DISTRIBUTION OF POWER  
FARGO DIVISION

Eng.					Eng.				
No.	Class	Pass.	Frts.	Work Switch	No.	Class	Pass.	Frts.	Work Switch
	C26	Y1	Jamestown	x	C2202	Q4		x	Mxd.
	115	DE	Fargo (Diesel-Elec)	x	C2220	Q4		x	
	131	DE	Fargo (Diesel-Elec)	x	C2223	Q4	Stored	x	Jamestown
	156	DE	(Dieselx Elec)		HCA%2237	Q5	x	Stored	Dilworth
	158	DE	(Dieselx Elec)		HCA%2244	Q5	x	Stored	Jamestown
	156	DE	(Diesel-Elec)Dilw.	x	C2345	T	/wtg.	x	Disposition
	C1513	W	Jamestown	x	C#2454	T1	Valley City		x
	C%1573	W		x	C#2455	T1		x	
	C 1578	W	Dilworth	x	C#2459	T1	Valley City		x
	C 1579	W	Dilworth	x	C#2460	T1		x	
	C 1581	W	Dilworth	x	HCA%2654	A2		x	
	C 1583	W	Jamestown	x	HCA%2657	A2		x	
	C%1585	W		x	CAH%2658	A2		x	
	C%1597	W		x	CAH%2659	A2		x	
	C 1640	W	Jamestown	x	oHC%2680	A5		x	
	C%1651	W		x	oHC%2681	A5		x	
	C%1660	W1		x	oHC%2682	A5		x	
	C%1664	W1		x	oHC%2683	A5		x	
	C%1666	W1		x	oCAH%2684	A5		x	
	CA%1668	W1		x	oHC% 2685	A5		x	
	CA%1669	W1		x	oHC%2686	A5		x	
	C%1687	W1		x	oHC%2687	A5		x	
	C%1688	W1		x	oCAH%2688	A5		x	
	*CA%1715	W3		x	oHC%2689	A5		x	
	JA%1721	W3	Storedx	Dilworth	CA%4007	Z3		x	Hlpr.
	*C%1734	W3		x	CA%4013	Z3		x	Hlpr.
	C% 1737	W3		x	CA%4024	Z3		x	
	C% 1743	W3		x					
	oC%1755	W3		x					
	C% 1769	W3		x					
	C% 1778	W3		x					
	C% 1789	W3		x					
	oC%1798	W3	Leased	Can. National Ry					
	C% 1805	W3		x					
	C% 1806	W3	Storedx	Jamestown					
	CA%1807	W3	Storedx	Dilworth					
	C% 1822	W3		x					
	C% 1834	W3		x					
	C% 1916	W2		x					
	C% 1918	W2	Storedx	Mandan					
	C 2117	Q1		x					
	C 2129	Q1		x					
	C 2132	Q1		x					
	C 2147	Q1	Shop	x					
	C 2154	Q3		x					
	C 2177	Q4		x					
	C 2180	Q4	Stordx	Mandan					
	C 2182	Q4		x					
	C 2183	Q4		x					
	2191	Q4		x					

Assigned.....	77
Leased.....	1
On Division.....	76
# Superheaters, note also sheet	
"Locomotives with Extra	
Equipment".....	71
H Feedwater Heaters.....	16
* Thermic Syphons.....	2
Stokers.....	47
o Circulators.....	12
Spark Arresters:	
C Cyclone.....	56
CA Cannon.....	15
Master Mechanic.....	-
Diesel-Electric.....	5

DISTRIBUTION OF POWER  
YELLOWSTONE DIVISION

Eng.					Eng.				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
C19	Y1	Billings		x	C%1755	W3		x	
C21	Y1	Billings		x	C%1757	W3	Stored		x Mandan
C24	Y1	Billings		x	C%1773	W3		x	
C27	Y1	Billings		x	C%1779	W3	Stored	x	Glendive
C34	Y	Billings		x	C%1828	W3		x	
C39	Y	Billings		x	CH%1908	W2		x	
110	DE	(Diesel-Elec)	Leased		CAH%1914	W2		x	
		Foley Bros.	Colstrip Mine		CH%1915	W2		x	
116	DE	(Diesel-Elec)	Mandan	x	CA%1917	W2		x	
117	DE	(Diesel-Elec)	Brd. Shop	x	CH%1919	W2		x	
123	DE	(Diesel-Elec)	Leased		CH%2230	Q5	x	/Wtg.	Disposition
		Foley Bros.	Colstrip Mine	x	CH%2231	Q5	x	Stored	Billings
164	DE	(Diesel-Elec)	Laurel	x	CH%2234	Q5	x	Stored	Mandan
165	DE	(Diesel-Elec)	Laurel	x	CH%2236	Q5	x	/Wtg.	Disposition
1031	L7	Glendive		x	CH%2342	Q5	x	Stored	Glendive
C 1186	G2	Laurel		x	C 2500	W4	Mandan		x
C 1187	G2	Laurel		x	C 2501	W4	Glendive		x
1190	G2	Laurel		x	C 2502	W4	Glendive		x
C 1191	G2	Laurel		x	C 2503	W4	Billings	R.H.Reprs.	x
C 1192	G2	Laurel		x	C 2504	W4	Mandan		x
CA1193	G2	Laurel		x	C 2505	W4	Mandan		x
C 1530	W		x		HCA%2652	A2		x	
C 1544	W	Livn.	x	Shop	HCA%2653	A2		x	
A%1558	W	Stored	x	Laurel	HCA%2655	A2		x	
C 1568	W	Laurel		x	HCA%2656	A2		x	
C%1580	W		x		oHCA%5006	Z5		x	Booster
C 1591	W	Sidney		x	*CAH%5007	Z5	Stored	x	Booster Glendiv
C 1603	W	Billings		x	oCAH%5008	Z5	Stored	x	Booster Glendiv
C 1627	W	Laurel		x	*CH%5009	Z5		x	Booster
CA%1661	W1	Billings		x	oHC%5010	Z5	Stored	x	Booster Mandan
C%1665	W1	Forsyth		x	oHC%5011	Z5	for	x	Booster Shop
CA%1696	W1		x						Livingstn
C%1700	W3		x		oHC%5102	Z6		x	
C%1709	W3	Livn.	x	Shop	*HC%5104	Z6		x	
C%1710	W3		x		*HC%5105	Z6		x	
oC%1711	W3		x		*HC%5106	Z6		x	
C%1712	W3	Stored	x	Laurel	oCAH%5107	Z6		x	
CH%1716	W3		x	/Wtg. Disp.	*CAH%5108	Z6		x	
C%1717	W3	Leased	C.M.	St. P. & P. RR	*HC%5109	Z6	Shop	x	Livingston
C%1718	W3		x		oHC%5146	Z8		x	
C%1720	W3	Stored	x	Glendive	oHC%5147	Z8		x	
C%1730	W3	Stored	x	Laurel	oHC%5148	Z8		x	
CH%1736	W3		x		oHC%5149	Z8		x	
C%1739	W3		x		6011	DE		x	(Diesel-Elec)
C%1741	W3		x		6012	DE		x	(Diesel-Elec)
CA%1746	W3		x		6013	DE		x	(Diesel-Elec)
					6014	DE		x	(Diesel-Elec)
					6015	DE		x	(Diesel-Elec)

YELLOWSTONE DIVISION

YELLOWSTONE DIVISION (Cont.,)

Assigned.....	91
Leased.....	3
On Division.....	88
# Superheaters, note also sheet	
"Locomotives with Extra	
Equipment".....	79
H Feedwater Heaters.....	32
Boosters.....	6
% Stokers.....	55
* Thermic Syphons.....	7
o Circulators.....	11
Spark Arrestors:	
C Cyclone.....	63
CA Cannon.....	15
Master Mechanic.....	2
Diesel-Electric.....	11

DISTRIBUTION OF POWER  
ROCKY MOUNTAIN DIVISION

Eng.					Eng.				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
20	Y1		Butte	x	*C%1811	W3			x
23	Y1		Helena	x	CA%1814	W3			x
C25	Y1		Missoula	x	*C%1815	W3			x Hlpr.
C28	Y1		Wallace	x	CH%1816	W3			x
29	Y1		Butte	x	*CA%1818	W3			x Hlpr.
31	Y		Helena	x	*CA%1838	W5			x Hlpr.
33	Y		Butte	x	CA%1840	W5			x Hlpr. Booster
35	Y		Helena	x	C%1842	W5	/Wtg.		x Hlpr. Booster
C36	Y		Missoula	x					Disposition
C41	Y		Butte	x	C%1843	W5			x Hlpr.
42	Y		Helena	x	C%1855	W5	Shop		x Booster Livn. RH
171	DE		Missoula (Diesel Elec)	x	*CA%1856	W5			x Hlpr. Booster
172	DE		Missoula (Diesel Elec)	x	C%1858	W5			x Hlpr.
173	DE		Missoula (Diesel Elec)	x	C 2131	Q1	x		Stored Butte
174	DE		Missoula (Diesel Elec)	x	C 2163	Q3	x		Stored Livingston
1057	L9		Stored Livingston	x	C 2164	Q3	x		
1093	L9		Bozeman	x	C 2212	Q4	x		Stored Missoula
C1188	G2		Livingston	x	C 2215	Q4	x		
CA1189	G2		Livingston	x	CA%2228	Q5	x		
CA1201	Y3		Missoula	x	CH%2232	Q5	x		
1202	Y3		Butte	x	CH%2235	Q5	x		
CA1356	S4				CH%2238	Q5	x		
C1379	S4		Stored Butte	x	CH%2239	Q5	x	/Wtg.	Disposition
C1382	S4		Stored Missoula	x	CH%2240	Q5	x		
C1387	S4				CH%2241	Q5	x		Stored Helena
C1389	S4				CH%2245	Q5	x		Stored Missoula
C%1518	W		Stored Missoula	x	*CH%2604	A	x		
CA%1522	W				CH%2606	A	x		
C%1536	W		x Shop Helena		CH%2607	A	x		
C%1562	W		Stored Butte	x	oCA%2611	A	x		
C%1565	W		Stored Missoula	x	CH%2666	A3	x		
C%1594	W		Stored Hlpr. Livn.	x	CH%2667	A3	x		
C%1595	W		x Hlpr.		CA%4009	Z3			x
C%1614	W		Stored Livingston	x	CA%4012	Z3	Stored		x Livingston
C%1624	W		x Stored Livingston		CA%4018	Z3			x Hlpr.
C 1634	W		Livingston	x	C%4019	Z3			x Hlpr.
C%1638	W		x Hlpr.		C%4020	Z3			x
C%1719	W3		x Hlpr.		C%4021	Z3	Stored		x Helena
C%1725	W3		x Hlpr.		CA%4022	Z3	/Wtg.		x Disposition
*CA%1733	W3		x Hlpr.		CA%4025	Z3	Stored		x Missoula
*C%1760	W3		x		CA%4500	Z4			x Hlpr.
C%1761	W3		x Hlpr.		CA%4501	Z4			x Hlpr.
C%1767	W3		x Hlpr.		CA%4502	Z4			x Hlpr.
CH%1781	W3		x		CA%4503	Z4			x Hlpr.
C%1808	W3		x						
C%1809	W3		x						

ROCKY MOUNTAIN DIVISION (Cont.,)

Eng. No.	Class	Pass.	Frnt.	Work	Switch
*CAH%	5000	Z5	x	Hlpr. Booster	
*CAH%	5001	Z5	x	Hlpr. Booster	
*CAH%	5002	Z5	x	Hlpr. Booster	
oHC%	5003	Z5	x	Hlpr. Booster	
oCAH%	5004	Z5	x	Hlpr. Booster	
*CAH%	5005	Z5	x	Hlpr. Booster	
*CAH%	5100	Z6	x		
*HC%	5101	Z6	x	Livn. Shop	
*CAH%	5103	Z6	x		
*HC%	5120	Z6	x		
oHC%	5121	Z7	x		
oHC%	5122	Z7	x		
oHC%	5123	Z7	x		
oHC%	5124	Z7	x		
oHC%	5125	Z7	x		
oHC%	5126	Z7	x		
oHC%	5130	Z8	x		
oHC%	5131	Z8	x		
oHC%	5132	Z8	x		
oHC%	5133	Z8	x		
oHC%	5134	Z8	x		
oHC%	5135	Z8	x		

Assigned.....111

Leased.....7

On Division.....111

# Superheaters, note also sheet  
"Locomotives with Extra  
Equipment".....105

% Stokers.....79

\* Thermic Syphons.....16

H Feedwater Heaters.....38

Boosters.....10

o Circulators.....15

Spark Arresters:

C Cyclone.....69

CA Cannon.....28

Master Mechanic.....10

Diesel-Electric.....4

DISTRIBUTION OF POWER  
IDAHO DIVISION

Eng.						Eng.					
No.	Class	Pass	Frnt.	Work	Switch	No.	Class	Pass.	Frnt.	Work	Switch
	109	DE	Yardley	(DieselElec)	x	C%1506	W	Leased	Camas	Prairie	RR
	111	DE	Yardley	(DieselElec)	x	CA%1516	W				x
	119	DE	Yardley	(DieselElec)	x	CA%1521	W				x
	122	DE	Yardley	(DieselElec)	x	1527	W	OB Leased	Camas	Prairie	RR
	153	DE	Yardley	(DieselElec)	x	C%1533	W				x
	154	DE	Yardley	(DieselElec)	x	C%1539	W	Leased	Camas	Prairie	
	162	DE	Yardley	(Diesel-Elec)	x	C%1567	W				x
	167	DE	Yardley	(DieselElec)	x	C%1575	W				x
#	1054	L9	OB Leased	Camas	Prairie	C%1592	W				x
	1074	L9	OB Leased	Camas	Prairie	CA%1613	W				x
C	1171	G1	Pasco			CA%1616	W				x
C	1174	G2	Pasco		x	1618	W	OB Leased	Camas	Prairie	
C	1176	G2	Pasco		x	C%1623	W				x
C	1180	G2	Pasco		x	CA%1639	W	Stored	x	Parkwater	
	1203	Y3	Pasco		x	CA%1662	W1				x
	1250	Y2	Pasco		x	CA%1663	W1	Stored	x	Parkwater	
	1252	Y2	Yardley		x	CA%1667	W1				x
	1254	Y2	Yardley		x	C% 1684	W1				x
	1264	Y2	Pasco		x	CA%1722	W3				x
C	1351	S4		x	C% 1729	W3	Stored	x	Parkwater		
C	1352	S4	Shop	x	CA%1731	W3					x
C	1353	S4		x	C% 1735	W3					x
C	1354	S4		x	C% 1738	W3	Stored	x	Parkwater		
C	1355	S4	Leaseed	Camas	Prairie	C% 1742	W3				x
C	1357	S4	Leased	Camas	Prairie	CA%1748	W3				x Hlpr.
C	1358	S4		x	*C%1759	W3	Atg.	x	Disposition		
C	1359	S4		x	CA%1770	W3					x
C	1360	S4		x	CH%1782	W3					x
C	1362	S4		x	CH%1787	W3					x
C	1365	S4		x	C% 1788	W3					x
C	1366	S4		x	oC%1792	W3					x
C	1367	S4		x	*C%1794	W3					x
C	1372	S4	Leased	Camas	Prairie	C% 1795	W3				x So.Tac.Shop
C	1374	S4		x	C% 1810	W3	Stored	x	Pasco		
C	1375	S4		x	CH%1820	W3					x
C	1376	S4		x	CH%1831	W3					x So.Tac.Shop
C	1377	S4		x	C% 1902	W2	Shop	x	Parkwater		
C	1380	S4		x	C% 1904	W2					x
C	1383	S4		x	C% 1912	W2					x
C	1386	S4		x	C 2141	Q1		x			
C	1388	S4		x	C 2152	Q3		x			
					C 2170	Q3		x	Atg.	Disposition	



ROCKY MOUNTAIN DIVISION (Cont.,)

Eng.	No.	Class	Pass.	Frnt.	Work	Switch
	*CAH%	5000	Z5	x	Hlpr.Booster	
	*CAH%	5001	Z5	x	Hlpr.Booster	
	*CAH%	5002	Z5	x	Hlpr.Booster	
	oHC%	5003	Z5	x	Hlpr.Booster	
	oCAH%	5004	Z5	x	Hlpr.Booster	
	*CAH%	5005	Z5	x	Hlpr.Booster	
	*CAH%	5100	Z6	x		
	*HC%	5101	Z6	x	Li vn. Shop	
	*CAH%	5103	Z6	x		
	*HC%	5120	Z6	x		
	oHC%	5121	Z7	x		
	oHC%	5122	Z7	x		
	oHC%	5123	Z7	x		
	oHC%	5124	Z7	x		
	oHC%	5125	Z7	x		
	oHC%	5126	Z7	x		
	oHC%	5130	Z8	x		
	oHC%	5131	Z8	x		
	oHC%	5132	Z8	x		
	oHC%	5133	Z8	x		
	oHC%	5134	Z8	x		
	oHC%	5135	Z8	x		

Assigned.....111  
 Leased.....-  
 On Division.....111  
 # Superheaters, note also sheet  
 "Locomotives with Extra  
 Equipment".....105  
 % Stokers.....79  
 \* Thermic Syphons.....16  
 H Feedwater Heaters.....38  
 Boosters.....10  
 o Circulators.....15  
 Spark Arresters:  
 C Cyclone.....69  
 CA Cannon.....28  
 Master Mechanic.....10  
 Diesel-Electric.....4