

GREAT NORTHERN RAILWAY LINE.

GREAT NORTHERN RAILWAY.

MONTANA DIVISION

TIME TABLE NO. 39.

EFFECTIVE 12:01 A. M.

SUNDAY, DECEMBER 15th, 1901

General Rules, Regulating the Movement of Trains, are contained in Book of Rules for the Government of the Operating Department,
a copy of which must be in possession of each employe in train service while on duty.

This Time Table is not intended for the information of the public, nor as an advertisement of the time or hours of any
train. The Company reserves the right to vary from it at pleasure. It is for
the information of employes only.

BETWEEN MINOT AND GLASGOW.

WEST-BOUND												EAST-BOUND.													
Third Class		Second Class		First Class		First Class		Water, Coal, Scales, Tables and Wyes	Car Capacity of Sidings	Distances from St. Paul	Distances from Minot and Williston	EFFECTIVE 12:01 A. M. DEC. 15th, 1901.		Distances from Williston and Glasgow	Telegraph Offices	Telegraph Calls	First Class		First Class		Second Class		Third Class		
No. 9		No. 15		No. 7		No. 3						No. 4					No. 8		No. 16		No. 10				
Way Freight Daily		Time Freight Daily		Passenger Daily		Fast Mail Daily						Fast Mail Daily					Passenger daily		Time Freight Daily		Way Freight Daily				
10.35	AM De Mt 8	6.30	AM De	3.00	PM De	10.45	PM De Mt 4	WCT	530.44	0.	Minot	120.99	DN	AD	10.00	PM Ar Mt 3	10.35	AM Ar Mt 9	11.15	PM Ar	7.15	PM Ar			
11.05		7.00		3.11		10.56	Mt 16		535.94	5.50	Gasman	115.49			9.47		10.23		10.56	Mt 3	6.50				
12.05	PM	8.00		3.28		11.14		W	544.09	13.65	Des Lacs	107.34	D	SD	9.33		10.07		10.20		6.20				
12.25		8.20		3.37		11.24			548.43	17.98	Lone Tree	103.00			9.27		9.57		10.00		5.55				
12.45		8.40		3.46		11.34			553.26	22.82	Berthold	98.17			9.20		9.47		9.40		5.30				
1.30		9.27	Mt 8	4.08		11.54		W	562.95	32.51	Tagus	88.48	DN	NI	9.05	Ps 16	9.27	Mt 15	9.05	4 Ps	4.50				
1.55		9.50		4.21	Mt 10	12.05	AM		569.55	39.11	Delta	81.88			8.54		9.14		8.35		4.21	Mt 7			
2.20		10.15		4.35		12.17		W	576.75	46.81	Palermo	74.68			8.41		9.00		8.00		3.35				
2.50	Mt 10	10.45		4.52		12.31		WC	584.76	54.32	Stanley	66.67	DN	SX	8.29		8.43		7.15		2.50	Mt 9			
3.15		11.10		5.06		12.43		W	591.85	61.41	Ross	59.58			8.17		8.29		6.35		2.15				
3.30		11.25		5.15		12.49			596.46	66.02	Manitou	54.97			8.10		8.20		6.10		1.50				
3.55		11.50		5.32	Mt 16	1.02		W	604.03	73.59	White Earth	47.40	DN	NH	7.57		8.04		5.32	Mt 7	1.10				
4.30	Mt 16	12.20	PM Mt 10	5.49		1.16			612.00	81.61	Tioga	39.38			7.42		7.48		4.30	Mt 9	12.20	PM Mt 15			
5.15		1.05		6.12		1.35		W	623.90	93.51	Ray	27.48			7.24		7.24		3.45		11.35				
5.45		1.30		6.23		1.45			629.53	99.09	Wheelock	21.90	DN	W	7.15		7.12		3.15		11.05				
6.15		2.00	Mt 16	6.45	Mt 4	2.01		W	640.10	109.71	Spring Brook	11.28			6.45	Mt 7	6.42		2.00	Mt 15	9.45				
6.35	Mt 4	2.20		6.58		2.10			645.81	115.37	Avoca	5.62			6.35	Mt 9	6.32		1.30		9.10				
7.00	PM Ar	2.45	PM Ar	7.10	PM Ar	2.20	AM Ar	WCT	651.43	120.99	Williston	0.	DN	MY	6.23	PM De	6.20	AM De	1.00	PM De	8.35	AM De			
Second Class												No. 8 Mixed Daily													
8.05	PM De Mt 10	3.20	PM De	7.40	PM De Mt 10	2.25	AM De	WCT	651.43	0.	Williston	156.60	DN	MY	6.18	PM Ar			6.00	AM Ar	12.05	PM Ar	7.40	Mt 7-9 PM Ar	
8.50		4.05		8.15		2.43			663.13	11.70	Trenton	144.80			5.58				5.20		11.30		6.55		
9.30		4.45		8.40		2.57		W 2 1/2 mi W	672.09	20.66	Buford	135.84	DN	VN	5.44				4.53		10.55		6.15		
10.05		5.29	Mt 4-10	9.05		3.10			680.56	29.13	Snowden	127.37			5.29	Mt 15 Ps 10			4.27		10.20		5.29	4 Ps Mt 15	
10.35		5.49		9.22		3.19		W	686.67	35.24	Kilva	121.26	N	KA	5.19				4.05		9.55		4.35		
11.20		6.38		9.50		3.34	Mt 8		696.33	44.90	Lanark	111.60			5.03				3.34	Mt 3	9.15		3.50		
12.30	AM	6.58		10.15		3.45			703.72	52.29	Culbertson	104.21	DN	CU	4.51				3.07		8.35		3.05		
1.00		7.22		10.35		3.53		W	709.29	57.86	Blair	98.04			4.42				2.51		8.10		2.05		
1.40		7.51		11.00		4.07			718.23	66.80	Calais	89.70			4.27				2.27		7.33		1.25		
2.13	Mt 8	8.10		11.15		4.14		W	723.11	71.68	Brookton	84.82			4.19				2.13	Mt 9	7.15		1.00		
2.55		8.39		11.35		4.25			730.68	79.25	Sprole	77.25			4.06				1.53		6.45		12.20	PM	
3.40		9.16		12.01	AM	4.34		C	737.03	85.60	Poplar	70.90	DN	FH	3.56				1.33		6.10		11.40		
4.15		9.45		12.23		4.45		W	743.98	92.55	Chelsea	63.95			3.44				1.11		5.30		10.45		
4.57	Mt 16 3 Ps	10.14		12.48	Mt 8	4.57	Ps 9 Mt 16		752.17	100.74	Macon	55.76			3.31				12.48	Mt 7	4.57	Mt 3 & 9	10.05		
5.35		10.38		1.04		5.06		W	758.08	106.65	Wolf Point	49.85	N	WN	3.21				12.30		4.25		9.35		
6.25		11.13		1.32		5.24			769.48	118.05	Oswego	38.45	D	BR	3.02				12.01	AM	3.43		8.45		
7.05		11.42	Mt 8	1.51		5.35		W	777.10	125.67	Frazer	30.83			2.50				11.42	Mt 15	3.12		8.00		
7.30	Mt 10	12.01	AM	2.06		5.43			782.00	130.57	Kintyre	25.93			2.41				11.15		2.49		7.30	Mt 9	
8.00		12.24		2.21	Mt 16	5.52		W	787.93	136.55	Milk River	19.95			2.31				10.57		2.21	Mt 7	6.40		
8.35		12.46		2.34		6.00	Mt 10		793.40	141.97	Nashua	14.53	DN	Q	2.22				10.42		1.47		6.00	Mt 3	
9.10		1.12	Mt 16	2.55		6.13			801.48	150.05	Whately	6.45			2.10				10.19		1.12	Mt 15	5.20		
9.45	AM Ar	1.35	AM Ar	3.15	AM Ar	6.25	AM Ar	WCT	807.93	156.50	Glasgow	0.	DN	GW	2.00	PM De			10.00	PM De	12.40	AM De	4.40	AM De	
Daily												Daily													
No. 9		No. 15		No. 7		No. 7		No. 3				No. 4		No. 8		No. 8		No. 16		No. 10					

West-Bound Trains are Superior to East-Bound Trains of the same Class

BETWEEN GLASGOW AND CUT BANK.

3

WEST BOUND.												EAST BOUND.											
Third Class	Second Class	First Class	Third Class	Second Class	Second Class	First Class							First Class	Second Class	Second Class	Third Class	First Class	Third Class	Third Class				
No. 27	No. 25	No. 23	No. 9	No. 15	No. 7	No. 3	Water, Coal, Scales, Fuel and Wyes	Car Capacity of Sidings	Distances from St. Paul	Distance from Glasgow and Havre	EFFECTIVE 12:01 A. M. DEC. 15th 1901	Distance from Cut Bank and Havre	Telegraph Offices	Telegraph Calls	No. 4	No. 8	No. 16	No. 10	No. 24	No. 26	No. 28		
M. C. Way Freight Daily	M. C. Time Freight Daily	M. C. Passenger Daily	Way Freight Daily	Time Freight Daily	Mixed Daily	Fast Mail Daily									Fast Mail Daily	Mixed Daily	Time Freight Daily	Way Freight Daily	M. C. Passenger Daily	M. C. Time Freight Daily	M. C. Way Freight Daily		
			11.30 A M De	2.20 A M De	3.30 A M De	6.30 A M De	W C T	280	807.93	0.	Glasgow	152.78	DN	GW	1.55 P M Ar	9.45 P M Ar	11.55 P M Ar	9.35 P M Ar					
			12.01 PM	2.37	3.42	6.38		69	812.56	4.63	Paisley	148.10			1.46	9.30	11.35	9.15					
			12.45	3.05	4.02	6.51	W	69	819.63	11.70	Tampico	141.03			1.35	9.10	11.10	8.45					
			1.27 Mt 4	3.25	4.17	7.01		69	824.71	16.78	Vandalia	135.95			1.27 Mt 9	8.57	10.50	8.25					
			2.25	4.00	4.44	7.15	W	94	833.97	26.04	Hinsdale	126.69	DN	MN	1.12	8.30	10.20	7.45					
			3.00	4.25	5.04	7.27		70	841.70	33.77	Beaverton	118.96			1.00	8.07	9.50	7.00					
			3.35	4.48	5.15	7.36	W	90	846.33	38.40	Saco	114.33	D	SA	12.52	7.55	9.35	6.30					
			4.20	5.25	5.43	7.52	W	70	856.31	48.38	Ashfield	104.35			12.37	7.25	9.00	5.40					
			5.00 Mt 10	6.03 7 Ps	6.03 Ps 15	8.06		69	864.61	56.68	Bowdoin	96.05			12.23	7.00	8.30	5.00 Mt 9					
			5.45	6.33	6.25	8.21	W T	176	873.48	65.55	Malta	87.18	DN	MT	12.09	6.35	7.55	4.15					
			6.20 Mt 8	6.57	6.36	8.29		69	878.14	70.21	Exeter	82.52			12.01 PM	6.20 Mt 9	7.30	3.15					
			7.05 Mt 16	7.23	6.48	8.37	W C	91	883.10	75.17	Wagner	77.56	DN	S	11.53	6.05	7.05 Mt 9	2.55					
			7.45	8.00	7.07	8.50		70	890.75	82.82	Dodson	69.91			11.40	5.43	6.30	2.15					
			8.15	8.26	7.23	8.59	W	70	896.67	88.74	Eureka	63.99			11.30	5.26	6.10	1.50					
			8.35	8.46	7.34	9.06		69	900.97	93.04	Coburg	59.69	D	B G	11.21	5.14	5.50	1.30					
			9.00	9.14 3 Ps	7.50	9.14 Ps 15	W	68	905.99	98.06	Savoy	54.67			11.12	4.56	5.30	1.05					
			9.35	9.37	8.06	9.24		69	912.51	104.58	Montauk	48.15			11.00	4.38	5.00	12.35					
			10.20	9.59	8.20	9.33		83	917.97	110.04	Harlem	42.69	DN	HM	10.50	4.23	4.35	12.10 PM					
			10.50	10.38 Mt 4	8.40	9.43		70	924.21	116.28	Madras	36.45			10.38 Mt 15	4.04 Ps 16	4.04 8 Ps	11.30 (4 Ps Mt 15)					
			11.20	10.58 Mt 10	8.54	9.53	W	69	930.10	123.17	Zurich	30.56			10.27 Ps 10	3.47	3.25	10.58 Mt 3					
			11.40	11.10	9.03	9.58 Mt 10		69	933.45	125.52	North Fork	27.21			10.20	3.37	3.10	9.58 Mt 3					
			12.30 AM	11.31	9.22 Mt 10	10.08 Mt 4		139	939.02	131.09	Chinook	21.64	DN	DF	10.08 Mt 3	3.20	2.50	9.22 Mt 7					
			1.05	12.01 PM	9.52 Mt 4	10.21	W	70	947.22	139.29	Yantic	13.44			9.52 Mt 7	2.55	2.15	8.15					
			1.30	12.25	10.10	10.32		70	953.94	146.01	Teleo	6.72			9.40	2.35	1.50	7.45					
			2.00 A M Ar	12.50 Mt 16 PM Ar	10.30 A M Ar	10.45 A M Ar	W C T	446	960.60	152.78	Havre	0.	DN	HV	9.30 A M De	2.15 PM De	1.30 Mt 15 PM De	7.15 A M De					
7.15 A M De	2.00 PM De	11.10 A M De	4.00 A M De	1.45 PM De		11.15 A M De	W C T	446	960.60	0	Havre	129.80	DN	HV	9.00 A M Ar		12.15 PM Ar	11.45 A M Ar	8.30 A M Ar	6.30 A M Ar	5.40 PM Ar		
7.30 A M Ar	2.20 PM Ar	11.20 A M Ar	4.15 A M Ar	2.00		11.23 Mt 10		103	964.75	4.16	Pacific Junction	125.65	DN	JU	8.40		11.59	11.23 Mt 3	8.20 A M De	6.15 A M De	5.25 PM De		
			4.40	2.25		11.36 Mt 16	W	69	970.73	10.13	Burnham	119.67	D	RN	8.25		11.36 Mt 3	10.55					
			5.00	2.40		11.45		69	975.26	14.66	Fresno	115.14			8.14		11.17	10.35					
			5.20	3.00		11.56		69	980.13	19.53	Kremlin	110.27			8.03		11.02	10.15					
			5.45	3.22		12.07 PM		69	985.81	25.21	Xenia	104.59			7.50		10.47	9.55					
			6.10	3.42		12.20	W	69	990.03	29.43	Gilford	100.37	DN	N	7.40		10.28	9.30					
			6.50	4.20		12.33		69	995.84	35.24	Hingham	94.56			7.27		10.10	9.05					
			7.15 Mt 4	4.42		12.45		69	1001.80	41.20	Rudyard	88.60			7.15 Mt 9		9.50	8.40					
			7.55 Mt 10	5.08		1.00		68	1008.07	47.47	Austin	82.33	D	AN	7.02		9.25	7.55 Mt 9					
			8.15	5.23		1.10		69	1012.18	51.58	Joplin	78.22			6.52		9.08	7.30					
			8.50 Mt 16	5.43		1.21		69	1017.03	56.43	Bison	73.37			6.41		8.50 Mt 9	7.05					
			9.20	6.10		1.33	W C	100	1022.22	61.62	Chester	68.18	DN	CH	6.30 Ps 10		8.20	6.30 4 Ps					
			9.45	6.33		1.43		69	1027.69	67.09	Tipton	62.71			6.14		7.57	5.40					
			10.15	6.59		1.58		69	1035.04	74.44	Lothair	55.36			5.58		7.35	5.10					
			10.40	7.20		2.08		171	1041.00	80.40	Galata	49.40			5.45		7.08	4.35					
			11.05	7.38		2.18	W	66	1046.93	86.33	Concord	43.47	DN	RD	5.32		6.50	4.15					
			11.45	8.10		2.34		69	1055.73	95.13	Dunkirk	34.67			5.12		6.25	3.40					
			12.08 PM	8.29		2.46		70	1061.89	100.79	Farrell	29.01			4.58		6.08	3.10					
			12.30	8.41		2.55		15	1064.86	104.26	Shelby Junct.	25.54	N	SJ	4.50		5.53	2.50					
			12.42	8.51		3.01	W	70	1067.30	106.70	Virgen	23.10	D	VR	4.44		5.43	2.35					
			1.15	9.19		3.15		71	1072.77	112.17	Simla	17.63			4.33		5.30	2.15					
			1.50	9.50		3.29	W	69	1078.17	117.57	Ethridge	12.24	D	R G	4.20		5.15	1.55					
			2.35	10.35		3.53		100	1085.67	125.07	Baltic	4.74			4.05		4.50	1.25					
			3.00 PM Ar	11.00 PM Ar		4.05 PM Ar	W C T	513	1090.41	129.80	Cut Bank	0.00	DN	CT	3.50 A M De		4.25 A M De	1.00 A M De					
Daily No. 27	Daily No. 25	Daily No. 23	Daily No. 9	Daily No. 15	Daily No. 7	Daily No. 3									Daily No. 4	Daily No. 8	Daily No. 16	Daily No. 10	Daily No. 24	Daily No. 26	Daily No. 28		

West-Bound Trains are Superior to East-Bound Trains of the same Class.

SPECIAL RULES.

Between Havre and Pacific Junction, all trains will be operated under a block system, which will consist of a clearance from operators at Havre and Pacific Junction.

Trains will date from the time they are due to leave terminal stations. Minot, Williston, Glasgow, Havre and Cut Bank are terminal stations for all trains. Havre and Pacific Junction are terminal stations for Montana Central trains.

Clocks regulated to Standard time are located at Minot, Williston, Glasgow, Havre and Cut Bank.

Trains of this Division will be governed by Mountain time, which is one hour later than Central time.

Trains will register at Minot, Williston, Glasgow, Havre, Pacific Junction and Cut Bank.

No. 3 will register by card at Pacific Junction.

Conductors and Enginemen must examine bulletin boards daily.

All trains must make full stop at stop boards at Soo Line Crossing, just west of Minot, and at Shelby Junction and not proceed until way is known to be clear.

No. 3 will stop at Buford, Culbertson, Poplar, Oswego, Hinsdale, Saco, Malta and Harlem to discharge passengers from St. Paul and Minneapolis.

Trains 23, 24, 25, 26, 27 and 28 are Montana Central trains.

Train No. 4 will stop on signal at Saco, Hinsdale, Oswego, Poplar and Culbertson to take on passengers for St. Paul and Minneapolis.

Nos. 9 and 10 will carry passengers between Havre and Cut Bank only.

Empty flat and coal cars must be hauled behind all loaded cars, empty box, stock or refrigerator cars.

No. 7 will take siding for No. 4 at meeting point.

A. B. WOODWARD,
Chief Train Dispatcher.

Capacity of Different Classes of Engines in Tons, in addition to Weight of Engine, Tender and Caboose.

STATIONS	Rating Grade	19x32 210 lb	20x26 180 lb	19x26 180 lb	19x24 180 lb	19x24 150 lb	18x24 145 lb	17x24 145 lb
Minot to Williston	.6	1500	1200	1081	999	824	622	567
Williston to Minot	6	1500	1200	1081	999	824	622	567
Williston to Glasgow	.4		2075	1710	1590	1310	1070	975
Glasgow to Williston	.4		2185	1800	1670	1380	1125	1025
Glasgow to Havre	.4		2075	1710	1590	1310	1070	975
Havre to Glasgow	.4		2185	1800	1670	1380	1125	1025
Havre to Cut Bank	1.0	900	800	725	660	540	400	370
Cut Bank to Havre	0.8	1100	1050	960	890	840	560	500

NOTE—The following will govern when handling Empty Cars: With ten or less Empty Cars in a train, no allowance will be made for wheel friction; with ten or twenty Empty Cars in a train, add to actual weight five tons for each Empty Car for wheel friction; with more than twenty Empty Cars in train, add six tons per car for wheel friction.

Location of Derailing Switches.

Delta M. P., 569 East end of passing track, east of crossover.

Stanley M. P., 585 East end of coal chute track.

Poplar M. P., 737 East and West end of coal chute track.

Glasgow M. P., 808 East end of coal chute track.

Wagner M. P., 883 East and west ends of coal chutes tracks.

Shelby Jct. M. P., 1066 East end of transfer track.

 When not in use these Switches must be set for derail.

TIME INSPECTORS.

Minot.....J. F. COOPER

Glasgow.....C. R. ST. CLAIRE

Havre.....F. CHURCHILL

F. BELL,

Assistant Superintendent.

W. D. SCOTT,

Superintendent

H. A. KENNEDY,

Assistant General Superintendent.

F. E. WARD,

General Superintendent.

CONTENTS OF MEDICAL CASE.

Conductors Must Study and Familiarize Themselves with the List of Articles in the Case, and Their Uses.

- No. 1. Rubber Bandage and Tourniquet, for stopping hemorrhage; apply on sound flesh above the wound, draw tightly each time, and encircle the limb until the whole bandage is used. Fasten securely in slot.
- No. 2. Twelve Assorted Muslin Bandages, to hold dressings in place, assist in stopping hemorrhages, and hold splints upon fractured limbs; wind around the injured part from below upward.
- No. 3. Six packages of Borated Gauze, a prepared dressing for open wounds, always used to cover large wounds; apply wet (by dipping in solution, see No. 7) directly to the wound.
- No. 4. Four packages Absorbent Cotton. This is for making compresses, and to assist in covering a large wound; Do not apply directly to the wound.
- No. 5. One ounce Styptic Cotton. This Cotton is permeated with a substance which stops small hemorrhages: apply directly to small wounds and hold in place with muslin bandage.
- No. 6. Two ounces Bicarbonate Soda, for burns and scalds, one tablespoonful to a quart of water; saturate a piece of the gauze and apply over a burn or scald, and fasten with bandage.
- No. 7. One bottle Corrosive Sub. Tablets. These small tablets are to be dissolved in clean water, preferably warm, in the proportion of one tablet to a pint of water; with this solution you disinfect a wound and keep it free from infection. **THEY ARE POISONOUS** if swallowed or the solution be drunk.
- No. 8. Four Surgical Needles, to be used for closing small cuts or jagged wounds, after thoroughly cleansing with the sublimate solution.
- No. 9. One Pair Scissors, used in cutting dressings, bandages, clothing, etc.
- No. 10. One Pair Forceps, used for removing bits of gravel, and to seize a bleeding artery while it is being tied.
- No. 11. One Dozen Envelopes Catgut (two sizes), to be used in tying an artery when it is seen free and bleeding in a wound, also for closing small wounds. **Never Save any Catgut** once the envelope is open. Note directions on envelopes.
- No. 12. One Roll Adhesive Plaster, for closing small torn or cut wounds, after they are cleansed with the sublimate solution. **It needs no heat; apply directly to the skin, which must be perfectly dry.**
- No. 13. One Cake Red Cross Soap, used in cleansing an injured part around a wound.
- No. 14. One Can Chloroform, for anæsthesia.
- No. 15. One Ounce Antifebrine, an antiseptic powder for dusting on fresh wounds.
- No. 16. One Hand Brush, for brushing the hands and nails thoroughly with the Red Cross Soap before handling an open wound.
- No. 17. One Enamel Tray, for corrosive sublimate solution (see No. 7).
- No. 18. One Yard Wire Gauze, for making splints (see directions under fractures, No. 5).
- No. 19. One Dozen Safety Pins.
- No. 20. One Pyramid of Pins.

RULES FOR TREATMENT OF THE INJURED IMMEDIATELY AFTER AN ACCIDENT.

- Shock.** This condition usually follows every severe injury. The chief point is to restore heat to the body as soon as the injured person is put in a comfortable position. Do this by covering with heavy coats, previously warmed, if practicable. Cut off the shoes or boots and wrap the feet in a warmed coat or blanket. Give only small dose of whiskey in hot water.
- Hemorrhage (Bleeding).** This follows shock, and is rarely severe until reaction takes place. Too much stimulation increases hemorrhage and for this reason it is best to give only a little stimulant, well warmed, and repeat the dose if reaction is delayed.

Bleeding of two kinds: First, arterial, when the blood comes out bright and red and in spurts. Second, venous, when the blood is dark and flows in an even stream.

A. To stop hemorrhage when the wound is large and the blood comes out in spurts. Apply the rubber band tightly just above the wound, previously raising the wounded part, especially if it be a limb. Be careful to put the band on **UNINJURED FLESH** if the limb be badly crushed and about three inches above the crushed tissues, else it would slip down and increase the hemorrhage. **Be very careful to see that the band be firmly fixed** before leaving it. Small wounds, even though the hemorrhage be arterial, require only a firm compress of the sublimated gauze placed immediately over the wound and bandaged tightly in place with one of the muslin bandages. It is best after this to bandage firmly from the extremity (hand or foot) upward to beyond the wound with muslin bandages.

B. Venous bleeding, which occurs when the wound is shallow (does not go deeper than the skin), as a rule requires firm pressure over the wound and especially below it. If the wound be quite small, put a wad of styptic cotton into and over it and bandage tightly in place, and then apply a bandage from below upwards over and beyond the wound. If the wound be extensive, fill it full of sublimated gauze and then put a thick wad of absorbent cotton over it and bandage tightly from below upward.

C. Bleeding from the head, if only the scalp is involved, may be controlled by bringing the wounded or torn surfaces together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and a tight bandage. It is well to pass the bandage under the chin if the wound be on top of the head, as this holds it firmer and tighter.
- Remove the clothing from the wounded part by cutting it away. Do not attempt to tear or draw clothing off, as this may further injure the wounded part. **Always see the wound and know by your eye just what the nature of it is.**
- After Hemorrhage has been stopped. The next point is to prevent the wound from being infected and thus prevent blood poisoning. To accomplish this the wound should be cleaned if badly soiled. If soiled by oil and soot or dirt, bathe it gently with a small quantity of antiseptic soap and warm water. After it is apparently clean, wash it out carefully with a pint of warm water in which one of the corrosive sublimate tablets has been dissolved, using a piece of gauze to do this. Then wet several layers of the borated gauze in a fresh solution of the same strength used in washing the wound and lay them over the wound and bandage in place with a muslin bandage. Always cover an open wound with a piece of gauze

wet in the solution of corrosive sublimate (one tablet to a pint of water) before transporting the wounded man. Never allow an open wound to remain unprotected longer than the time employed in stopping hemorrhage. **Remember a soiled covering is worse than none at all, however.**

5. **Fractures.** If a bone be broken in any of the limbs the member should be firmly fixed before the injured individual be moved. If this be not done, great injury may result by the movements of the sharp fragments of the bone while the individual is being transported. Use flat piece of wire gauze, broken or cut into strips long enough to reach beyond the two nearest joints, will do. A bundle of twigs or stout straws may also serve when nothing else is to be had. Always put one of the improvised splints on either side of the limb, then tie a bandage over the splints at either extremity and in the middle. If there be a wound treat it according to the foregoing rules and then apply the splints, using some clean gauze as padding or some strips torn from clothing. If there be no wound, apply the splints over the trousers or sleeve. If nothing of any kind can be obtained to make a splint, tie the fractured leg or thigh to the sound one, or the fractured arm firmly to the side of the body, by a muslin bandage.

6. **Compound fractures** are fractures accompanied by a wound of the soft tissues at the point of fracture, so that the bone is exposed to the air. In these cases treat hemorrhage and the wound according to the foregoing rules and then apply splints. If the bones project beyond the skin, remember to bring them back into place by pulling the extremity in the direction of the displacement, never in the direction the bone normally should be, until the ends of the fragments are quite free from any over-riding. Be very careful always to cover these **WOUNDS** with the wet sublimate **GAUZE** and bandage it on.

7. **Burns.** Carefully remove the clothing by cutting it off, if the part be clothed, and apply immediately three or four thicknesses of the borated gauze wet in warm water, in which one tablespoonful of the bicarbonate of soda to the quart has been dissolved. As a rule never attempt to clean burns immediately after they occur. Cover the wounded part immediately as directed above and leave the cleansing to the surgeon afterward.

Extensive burns are attended by great shock as a rule, and require free stimulation. As burns are very rarely followed by hemorrhage, stimulants may be and should be given in considerable quantities.

8. **Prostration from Excessive Heat.** In these cases (not sunstroke) the face is pale, lips colorless or blue, breathing slow and quite, pulse slow and very weak. Place the patient on his back, with his head level with his body, and loosen clothing. Apply heat to the surface of the body and extremities. Bathe the face with warm water into which a little alcohol or whiskey has been poured, and if he can swallow, give the patient an ounce of whiskey is as much warm water.

B. **Prostration from Drinking too much Ice Water when Overheated.** The face is red or even purple, the breathing heavy and irregular, pulse irregular. Loosen clothing, place on back with head slightly elevated. Give hot drinks, apply heat to the spine and the extremities.

9. **Position in which a Patient should be Placed after Injury.** Injuries to the head require that the head be raised higher than the level of the body. In all cases, if practical, lay the patient on his back with the limbs stretched out in their natural positions; loosen the collar and waistbands, and unless the head be injured, remember to have the head on the same level as the body. Do not bolster it up with anything.

INSTRUCTION FOR STRETCHERS.

The equipment includes—

- 1 Stretcher,
- 1 Pair of Blankets,
- 1 Pillow,
- 1 Pillow Case,
- 1 Rubber Pillow Case,
- 1 Water-proof Cover,
- 1 Pair Wall Brackets.

The bedding and side pieces are to be kept strapped on the stretcher, and the latter placed on the wall bracket.

When about to use the stretcher, unbuckle the straps from the side pieces which hold down the bedding, and buckle them tightly underneath, to guard against the breaking of a spring; place the side pieces properly on the sides, place the rubber cover over the stretcher for protection against blood and discharges. The blanket is to be used double, as a cover for the patient.

Whenever necessary to do so, the patient may be lifted on the inner portion of the stretcher, resting on the springs, without lifting the whole stretcher. In cramped positions, and for purposes of examination, this will be found convenient.

When storing the stretcher away, fold the blanket and pillow neatly into a narrow, even and compact parcel, and envelop this in the rubber cover, folding in the ends first. Place this on the stretcher with the side pieces on top, to assist in holding it in position, then pass the straps through the keepers on the side pieces, and fasten all snugly in place. This will protect the bedding, if properly done, from moths and wet. The whole stretcher should then be placed on the brackets.

The blanket should be taken out occasionally and shaken, to prevent damage from moths, as well as to keep it cleanly at all times. Replace at once, so that the stretcher is ready for immediate use whenever required.

The stretcher and bedding must not be used for any other purpose than in transporting injured persons.

Agents will be personally responsible for the care of property, and will be particular to take proper receipts whenever it is allowed to go out of his possession, and will notify his Division Superintendent when sent out and by whom.

Stations where stretchers are kept are as follows:

St. Paul Frt. Office,	Sioux Falls,	Glasgow,	Leavenworth,
St. Paul Shops,	Sioux City,	Havre,	Everett,
Minneapolis Jct.,	Breckenridge,	Great Falls Shops,	Carman,
Hamline Transfer,	Grand Forks,	Cut Bank,	Cass Lake,
St. Cloud Shops,	Larimore,	Kalispell,	West Superior,
Melrose,	Devils Lake,	Libby,	Sandstone,
Barnesville,	Minot,	Spokane Shops,	Swan River.
Willmar,	Williston,		

COMPANY SURGEONS.

Minot.....	DR. E. A. CROKAT	Poplar.....	DR. J. L. ATKINSON
Williston.....	DR. F. H. VAN DYKE	Malta.....	DR. GEO. W. CLAY
Glasgow.....	DR. M. D. HOYT	Havre.....	DR. J. S. ALMAS