

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASE INCIDENT RECORD

1. Organization Code 9470		2. Organization (Park) Name North Cascades National Park		3. Location Code 4000		4. Case/Incident Number 000007	
5. Location of Incident Wilderness District		6. When Did It Occur? Month Day Year 		24 Hour Time 		Hours Minutes 	
7. Day of Week 		8. Offense/Incident Code 99-00-00		9. Nature of Incident Wilderness Patrol Summary		10. How reported	
11. Reported by Wilderness District Staff		12. Address Marblemount, Washington		13. Phone (Home/Business) 360-873-4590			
14. Received by		15. When Received (Date)		16. Time Broadcast		17. When investigated Date Time	
18. Investigated by Galen Stark		19. Officer/Ranger Number 1221		20. When Cleared Date Time		21. Disposition 	
22. Involved Persons		23. Address		24. Phone		25. Sex	
26. Race		27. Age		28. Date of Birth			

29. Details of Incident

The Wilderness District staff documented 155 wilderness patrols during CY 2000. The patrols were conducted by 21 different persons.

44 of the park's 64 trail segments and 19 of the 66 cross country zones were patrolled at least once.

Staff recorded 2,176 hours of patrol time, and logged 2,437 miles of patrols.

Staff encountered 1,068 day hiking groups consisting of 2,468 hikers (average day party size was 2.31 persons) and 973 overnight hiking groups consisting of 2,789 hikers (average overnight party size 2.87 persons). Total 2,041 hiking groups, 5,257 hikers, average party size 2.58 hikers. Staff encountered 4 day stock groups consisting of 12 users and 30 head of stock (average day stock party size 10.5 pairs of eyes) and 11 overnight stock groups consisting of 39 users and 58 head of stock (average overnight stock party size 9.3 pairs of eyes).

Staff encountered 0.94 group per hour, 0.84 group per mile.

Staff observed 146 hiking groups in violation of park regulations (7.2% of all groups), and 4 stock groups in violation (26.7% of stock groups). Violations included permit violations (44), resource violations (33), pet violations (23), improper food storage (21), illegal camping (16), excessive party size (6), litter violations (5), and illegal fires (3). 265 groups were observed with proper food storage, 21 (7.3%) with improper food storage. Five commissioned rangers issued 29 violation notices for permit violations (17), pet violations (8), camping violation (1), entering closed areas (1), license violation (1), and weapon violation (1).

Staff received 41 compliments and 21 complaints.

Staff observed 11 incidents of vandalism, 164 piles of toilet paper and/or feces (0.07 per mile), 67 illegal fire rings (0.03 per mile), and 1812 pieces of litter (0.74 per mile).

Staff heard 1695 aircraft (0.78 per hour) for 1932 minutes of noise (1.5% of the time).

30. Quantity	31. Property Stolen or Damaged	32. Estimated Value	33. Date Recovered	34. Value of Property Recovered
35. Property Code of Highest Value 	36. Total 		37. Total 	

Investigated by (Signature and Date)

Approved by (Signature and Date)

Galen Stark 12/13/00	
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Patrol Data Summary

<u>Year</u>	<u>2000</u>	<u>1999</u>	<u>1998</u>	<u>1997</u>	<u>1996</u>	<u>1995</u>	<u>1994</u>	<u>1993</u>
Patrol Reports	155	122	157	143		151	110	128
Rangers	21	18	17	18				
Commissioned Rangers	5	5	4	4	5			
Trail Segments	44	35	35	35		37	32	32
Cross Country Zones	19	6	15	24		31	32	32
Patrol Hours	2176	1269	2911	2282		3340	3701	3561
Patrol Miles	2437	1219	2926	2357		3351	3637	1470
# of Day Hiker Groups	1068	656	2847	1737		*	*	*
# of Day Hikers	2468	1717	7401	4539		*	*	*
Average Day Hiker Party Size	2.3	2.6	*	*		*	*	*
# of Overnight Hiker Groups	973	506	*	*		*	*	*
# of Overnight Hikers	2789	1591	*	*		*	*	*
Average Overnight Hiker Party Size	2.9	3.1	*	*		*	*	*
Average Hiker Party Size	2.6	2.8	2.3	2.6		*	*	*
% of Day Hiker Groups to All Hiker Groups	52.3%	56.5%						
% of Day Hikers to All Hikers	46.9%	51.9%						
# of Hiking Groups in Violation	146	66	229	116		*	*	*
% of Hiking Groups in Violation	7.2%	5.7%	8.0%	6.7%		*	*	*
# of Day Stock Groups	4	14	11	18		*	*	*
# of Day Stock Users	12	17	28	50		*	*	*
# of Day Stock Animals	30	23	59	90		*	*	*
Average Day Stock Party Size	3.0	1.2	*	*		*	*	*
Average Day Stock Animal Party Size	7.5	1.6	*	*		*	*	*
# of Overnight Stock Groups	11	8	*	*		*	*	*
# of Overnight Stock Users	39	61	*	*		*	*	*
# of Overnight Stock Animals	58	63	*	*		*	*	*
Average Overnight Stock Party Size	3.5	7.6	*	*		*	*	*
Average Overnight Stock Animal Party Size	5.3	7.9	*	*		*	*	*
Average Stock Party Size (People)	3.4	3.5	2.5	2.8		*	*	*
Average Stock Party Size (Animals)	5.9	3.9	5.4	5.0		*	*	*
Average Stock Party Size (pairs of eyes)	9.3	7.5	7.9	7.8		*	*	*
% of Day Stock Groups to All Stock Groups	26.7%	63.6%						
% of Day Stock Users to All Stock Users	23.5%	21.8%						
# of Stock Groups in Violation	4	1	4	6		*	*	*
% of Stock Groups in Violation	26.7%	4.5%	36.4%	33.3%		*	*	*
Total Day Groups	1072	670	*	*		*	*	*
Total Day Visitors	2480	1734	*	*		*	*	*
Total Day Party Size	2.3	2.6	*	*		*	*	*
Total Overnight Groups	984	514	*	*		*	*	*
Total Overnight Visitors	2828	1652	*	*		*	*	*
Total Overnight Party Size	2.9	3.2	*	*		*	*	*
Total Hiking Groups	2041	1162	*	*		*	*	*
Total Hikers	5257	3308	*	*		*	*	*
Total Hiking Party Size	2.6	2.8	*	*		*	*	*
Total Stock Groups	15	22	*	*		*	*	*
Total Stock Users	51	78	*	*		*	*	*
Total Stock Party Size	3.4	3.5	*	*		*	*	*
Total Groups	2056	1184	2858	1755		3797	3894	2188
Groups Encountered Per Hour	0.94	0.93	0.98	0.77		1.14	1.05	0.61
Groups Encountered Per Mile	0.84	0.97	0.98	0.74		1.13	1.07	1.49
Total Visitors	5308	3386	7429	4589		8863	9836	5469
Average Party Size	2.6	2.9	2.6	2.6		2.3	2.5	2.5
Visitors Encountered Per Hour	2.44	2.67	2.55	2.01		2.65	2.66	1.54
Visitors Encountered Per Mile	2.18	2.78	2.54	1.95		2.64	2.70	3.72
All Groups in Violation	150	67	233	122		162	192	171

Patrol Data Summary

% of All Groups in Violation	7.3%	5.7%	8.2%	7.0%	4.3%	4.9%	7.8%
Groups in Violation Per Hour	0.07	0.05	0.08	0.05	0.05	0.05	0.05
Groups in Violation Per Mile	0.06	0.05	0.08	0.05	0.05	0.05	0.12

<u>Year</u>	<u>2000</u>	<u>1999</u>	<u>1998</u>	<u>1997</u>	<u>1996</u>	<u>1995</u>	<u>1994</u>	<u>1993</u>
Violations, by Type								
Pets	23	6	22	27		31	33	26
Party Size	6	0	4	6		2	4	5
Permits	44	37	77	52		109	113	90
Camping	16	4	22	23		42	59	23
Fires	3	3	4	1		10	10	5
Littering	5	1	2	5		5	12	12
Resources	33	10	99	16		16	58	24
Bicycles	0	3	4	0		10	5	2
Groups with Proper Food Storage	265	128	298	133		224	222	180
Groups w/ Improper Food Storage	21	11	23	36		36	37	30
% of Groups w/Proper Food Storage	92.7%	92.1%	92.8%	78.7%		86.2%	85.7%	85.7%
Violation Notices Issued	27	37	41			32	17	1
# of Complaints	21	18	57	34		*	*	*
# of Compliments	41	8	66	61		*	*	*
% of Compliments to Complaints	66.1%	30.8%	53.7%	64.2%		80.0%	83.3%	63.6%
Vandalism Incidents	11	22	7	10		0	9	13
Vandalism Incidents Per Hour	0.01	0.02	0.00	0.00		0.00	0.00	0.00
Vandalism Incidents Per Mile	0.00	0.02	0.00	0.00		0.00	0.00	0.01
Occurrences of TP/Feces	164	67	123	97		*	*	*
Occurrences of TP/Feces Per Hour	0.08	0.05	0.04	0.04		*	*	*
Occurrences of TP/Feces Per Mile	0.07	0.05	0.04	0.04		0.04	0.02	0.04
# of Illegal Fire Rings	67	17	53	74		*	*	*
Illegal Fire Rings Per Hour	0.03	0.01	0.02	0.03		*	*	*
Illegal Fire Rings Per Mile	0.03	0.01	0.02	0.03		0.02	0.01	0.02
Pieces of Litter	1812	744	2488	2795		*	*	*
Pieces of Litter Per Hour	0.83	0.59	0.85	1.22		*	*	*
Pieces of Litter Per Mile	0.74	0.61	0.85	1.19		0.77	0.53	0.50
# of Aircraft Heard	1695	1499	2458	1524		*	*	*
Aircraft Heard Per Hour	0.78	1.18	0.84	0.67		0.42	0.32	0.29
Minutes of Aircraft Noise Heard	1932	1793	3649	1810		*	*	*
% of Patrol Time Aircraft Noise Heard	1.5%	2.4%	2.1%	1.3%		0.9%	0.5%	0.5%