A PRELIMINARY STUDY OF HISTORIC AND RECENT REPORTS OF GRIZZLY BEARS, <u>URSUS ARCTOS</u>, IN THE NORTH CASCADES AREA OF WASHINGTON

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ABSTRACT

A two month study sought to record reports of grizzly bears, <u>Ursus arctos</u>, in the North Cascades area of Washington State and adjacent British Columbia. Three hundred forty-six people likely to have seen grizzlies or likely to have reliable information about the bears were interviewed, producing 233 reports of grizzlies spanning the last 130 years. Sources of variation in the quality of observations and the reporting of those observations is discussed. Criteria for evaluating reports and verifying sightings are suggested. The need for further research and for better public education is emphasized.

During two months in the late summer of 1983 I conducted a study to gather baseline data on the occurrence of grizzly bears in the North Cascades area of Washington State and adjacent British Columbia. I attempted to gather information on both historic and recent evidence of the bears: including kills, sightings, or other signs of their presence. The area covered by this study included the forested portioins of Watcom, Skagit, and Snohomish counties, all of Chelan and Okanogan counties, and adjacent portions of British Columbia.

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The study built upon data gathered previously by the Natural Heritage Data System of the Washington Department of Game - Nongame Program and upon sightings listed in a report published by the North Cascades National Park (Bjorklund, 1980). This report incorporated a search of 24 published sources as well as unpublished reports in the park's files.

METHODS

The interview was the principal tool of this study. Persons likely to have seen grizzly bears or to have reliable information about them were contacted either in person or by telephone. Personnel of agencies such as the U.S. Forest Service, National Park Service, Washington Department of Game, and the Cooperative Extension Service were contacted. Names of potential witnesses were solicited. A more extensive network of private citizens was interviewed including hunters, packers, miners, sheepherders, cattlemen, backpackers, climbers, etc. In addition, organizations such as The Mountaineers were asked to place a notice in their newsletters soliciting reports of sightings.

In conducting the interviews, leading questions were avoided. I assumed that questions such as "Did you see the dished face?" and "Did you see the long claws?" would bring positive answers and falsely inflate the number of well-described sightings. Instead, I allowed the witness to tell the story in his or her own words, and simply recorded it as told. If no confirming details were volunteered, I asked, "What made you call it a grizzly?" With each interview I also asked for names of other potential witnesses and thus built up a network of persons to interview.

In addition to interviews, various documentary sources were explored. The files of various agencies were checked, including the Provincial Museum, Victoria,B.C. Information from the Hudson's Bay Company Archives, Winnipeg, Manitoba, was graciously provided by archivist Judith Beattie. An index to the <u>Spokesman Review</u> of Spokane, 1887-1920, was searched. I also visited the Washington State Library in Olympia and libraries at the University of Washington and Washington State University. The holdings of several museums around the state and beyond were checked. Unfortunately, time and money allowed little more than a. cursory search of these documentary sources.

RESULTS

At the height of the fir trade, especially during the period 1820-1860, the Hudson's Bay Company kept accurate records of all pelts taken at each of their trading posts, including three in present day Washington and one in southern British Columbia. An examination of these records shows that the market for bear hides increased after 1840 and the number passing through each outpost consequently

rose. Peak years at the various posts were: Fort Colville, 382 grizzly bear hides in 1849; Fort Nez Perce (Walla Walla), 32 hides in 1846; Thompson's River (B.C.), 11 hides in 1851. Four hides were also taken at Fort Niosqually (near Tacoma) during the period. Unfortunately, the trading areas of these posts overlap the present ... boundaries of Washington and it is not possible to say how many of these bears were taken in the state.

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The period following the fir trade saw an invasion of explorers, settlers, and miners who were less interested in bears and less intent on record keeping. Information from this period is sketchy and anecdotal. Only in more recent times can we hope to obtain more complete information through interviewing living observers.

Three hundred forty-six people were interviewed in the course of this study, including 76 employees of various government agencies, 262 private citizens, and eight Canadian officials. Two hundred thirty-three reports of grizzly bears were compiled. Original details were contributed to one or more of these reports by 156 people, and another 20 people were acquainted with well-known grizzly bear stories. The remaining 170 people had neither seen grizzly bears nor heard reports which they believed. Some members of this latter group expressed strong opinions about the credibility of any report of grizzlies in the North Cascades. Personnel of the Department of Game were especially skeptical. These results are shown in Table 1.

The reports themselves are compiled in Table 2. As might be expected, the quality of the observations and the reporting of those observations varried from one report to the next.

Several sources of variation in the observations can be postulated. The terrain of the area is rugged, and the amount of vegetative cover varies widely. Any grizzly bears present might be expected to occur non-randomly in preferred habitats. In addition, the density of potential human observers in this mountainous backcountry has changed repeatedly over the past 130 years. Mining boomtowns and CCC camps brought substantial settlements to remote areas in the past. Sheepherding was widespread on the east slope of the Cascades. Forest Service fire lookouts were posted throughout the area. Although these types of human activity have diminished, the modern outdoor recreation boom produces large numbers of visitors in the backcountry. The Pasayten Wilderness approached an average of 82 visitor-days per square mile in the summer of 1982. It may be argued that in the past there were fewer people in the area, but they were long-term residents familiar with the wildlife around them, while today's crowds are short-term visitors. It is unlikely that present visitors are more dispersed than those in the past.

The expertise and methods of these observers has varied as well. In the past as well as the present, observers' familiarity with grizzly bears has ranged from fearsome myth to well founded knowledge. The reliability of some observations in the past was enhanced by the use of gunsights. Provocation, stealth, or sheer chance have brought some observers close to the bears. Others have relied on field glasses and helicopters to approach their quarry. Unfortunately, cameras have rarely been employed successfully.

The reporting of these observations varied as well. The failing memories of some older observers blurred details and surely led to the complete omission of some reports. The use of the telephone and the short span allowed for some interviews contributed to this loss. When interviewed in person and allowed time to think some older observers recalled more reports of bears. Many witnesses who could have added confirming details have died. Not surprisingly, duplicate witnesses

to the same sighting or kill gave different accounts of the details. Without concurrent events to anchor the time of the observation, observers' awareness of the passing of time grew vague. Dates varied by as much as a decade. (For entry in Table 2, "about 15 years ago" was translated as "about 1968.")

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Only rarely could the observers interviewed be expected to enumerate the textbook field marks which distinguish grizzlies from black bears: the hump on the shoulder, the dished face, the long claws, the distinctive track or scat. Such categorization was not part of the education of most observers. Nonetheless, many observers undoubtedly know the difference.

Personal standards of verification also played a role in the reports I received. Some observers were extremely cautious in assigning the name "grizzly" to a sighting, even after describing all the critical field marks in detail. Other observers were willing to identify a big bear seen briefly a half mile away as "definitely a grizzly."

In spite of these variations an attempt was made to classify the reports into four categories (see "Class" in Table 2). A two step process was employed. The first step evaluated the content of the report as recorded. Class 1 reports were those confirmed by a photo or a carcass of a bear. Class 2 reports were verbal accounts which included two or more of the distinguishing characteristics: hump, claws, face, tracks, or scat. Class 3 reports included mention of only one of the distinguishing characteristics, usually the hump. Class 4 reports only included mention of the size or color of the bear, omitting all the distinguishing characteristics, or, in the case of some published reports, gave no details at all.

The second, more difficult step involved adjusting the class of a report up or down the scale based on an assessment of the knowledge of the observer. In the course of several interviews the observers displayed a clear knowledge of the distinctions between grizzly and black bears, and then went on to relate several sightings without linking specific characteristics to specific sightings. Other observers, while mentioning the distinguishing characteristics, were known by their peers to embellish their hunting tales, perhaps convincing themselves in the later retellings. This second step assessment was hampered by the brief contact I had with some of the observers, often by telephone, without the benefit of this peer review. In some cases I was required to make a judgement based on limited information. Therefore, the class assigned to a report does not represent an absolute, final judgement about the truthfulness of any observer or about the accuracy of any individual report. I am keenly aware that encounters with wildlife species as majestic or fearsome as the grizzly bear are privileged moments in the life of any observer.

CONCLUSIONS

The 233 reports presented in Table 2 cannot be used to count the number of grizzly bears in the North Cascades during the past 130 years. No doubt there have been more grizzly bears present than those cited in the 12 Class 1 reports. If many of the 67 Class 2 reports, some of the 102 Class 3 reports, and a few of the 52 Class 4 reports represent actual grizzly bears, the number of human-grizzly encounters in the North Cascades recorded in Table 2 approaches 100. However, the table includes duplicate observations of single bears, e.g. the "old gray bear" seen on Miners Ridge in the 1930's and 1940's. I have been able to identify 28 reports which probably involve duplicate observations of only 10 bears. No doubt there are more such duplications.

Some observers believe there were more grizzlies in the past, but their numbers were severely reduced by the sheepherders. Others claim there are probably as many grizzlies now as there ever were: a scattered few. Many doubt whether they are still to be found in the North Cascades, but the reports continue to come in.

The last grizzly bear killed in the area was taken by Rocky Wilson on Fisher Creek in 1967. The species has been legally protected since 1969, making the camera the best tool for verifying the presence of grizzlies in the area. Thus far, a convincing photo taken in the last 16 years has not appeared. Among some skeptics, this is taken as evidence that the grizzly no longer roams the North Cascades. However, such strict requirements for verification are unrealistic. Hunters and backpackers cannot be expected to roam the mountains with high powered telephoto lenses at the ready. Until a better educated public knows the distinguishing field marks of grizzlies and takes written notes on sightings, or until the skeptic himself sees a grizzly, the verbal descriptions of conscientious observers deserve credence.

POSTSCRIPT:

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Two months was too short a time to do justice to a study such as this. Numerous sources remain unexplored. My list of people not reached runs to over 85 names. My coverage of the Nooksack valley north of Mt. Baker and the Skykomish valley west of Stevens Pass was nil. Coverage of reports from the Canadian side of the border was cursory. More thorough serches of library and museum sources remain to be done. The newspaper files in several major cities in the area remain untapped.

Other loose ends remain to be tied up, and discrepancies remain unresolved. My appeal for reports, which was published in several organizations' newsletters, is producing some late returns.

The above report should be considered a preliminary report.

ACKNOWLEDGMENTS

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Table	1:
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Acquainted with well-known story Reported No Story details Citizens 134 16 112 Agency personnel 20 2 32 Dept. of Game personnel Ð 2 20 Canadian officails 2 0 6 - -- -- --170 20 . Totals 156

Responses of 346 persons interviewed about reports of grizzly bears in the North Cascades area of Washington and adjacent British Columbia.

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Table 2.	233 reports of	grizzly bears	in the North	Cascades, 1850-1933

(ear	Observer	Address	Location	Observation	Details	Class	Description
nid 800's	Edith Bedal f. Majors, 1983	Sauk R.	T33N,R10E	Sighting		2	The Sauk Indians saw grizzlies come down into Sauk Prairie during especially bad winters.
868	Thomas Stratton & Edmund Coleman, f. Majors, 1978, f. Bjorklund, 1980		T38N,R8E	Tracks		3	T.S. and E.C. saw grizzly tracks near the summit of Mt. Baker.
837 uly 13	Albert Rogers f. Majors, 1983		T31N,R16E	Sighting		3	A.R. saw a grizzly at Lyman L.
887 .ug. 10	Albert Rogers f. Majors, 1983		T28N,R13E,S18	Sighting		3	A.R. saw a grizzly with two cubs near Saddle Gap.
892	Smith Price f. Spokesman Rev., Spokane, 1-6-92	Sedro Woolley	NE of town	КШ	Size	3	S.P. killed a 700 lb. bear NE of Sedro.
bout 895	William Blankenship, d. f. L.M. Hull, 1929 <u>A. History</u> p.403	L. Wenatchee	T27N,R16E	សរោ	Size, color	2	The bear killed a cow and was unable to drag the carcass out of the lake. A gun trap was set, which wounded the bear. Then hunters finished it off. "He w a true grizzly in color and of immense size, but dreadfully poor, with teeth and claws worn down and broken."
896	Hamilton Wells, d. f. Beckey, 1969, f. Bjorklund, 1980		T40N,R9E	Sighting	Silvertip	3	H.W., prospector, named the "Silver Tip" claim on Ruth Cr. for a large grizzly who lived nearby.
899	Anon f. Majors, 1975, f. Bjorklund, 1980		T29N,R13E,S20	Sighting		4	A grizzly was sighted at Indian Pass.
bout 900	Anon f. Majors, 1975, f. Bjorklund, 1980		T29N,R12E,S28	Sighting		4	A grizzly was sighted at Curry Gap.
900-10	Frank Heath, d. ſ. Frank Austin	Twisp	T33N,R20E,S16	Kill	Silvertip	1	F.A. recalls that his grandfather, F.H., and a man named Majors killed an 800 lb. silvertip appro 1 mi. above Canyon Cr. on the Twisp R.
905 .	R. 'Slug' Davis	Winthrop	T37N,R18E?	Sighting		3	S.D. recalls that his father met a grizzly on the trail while carrying mail from Winthrop to the Barron Mine.
909	two prospectors f. Spokesman Rev., Spokane, 10–25–09		T31N,R17E	Sighting	Silvertip, track	2	A bear treed the two men at the head of the Entiat R. As they progressively escaped to trees spaced further apart, the bear gave up. Its track was 9×14 in

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Year	Observer	Address	Location	Observation	Details (Class	Description
1910	f. Spokesman Rev., Spokane, 9-1-10		T31N,R17E	Sighting	Silvertip	2	The bear killed 300 sheep, and mauled a herder, Emil Pelligrin, to death near the Entiat R.
about 1910	Charlie Eder	Oroville	cost of Republic	ĸm		3	C.E. recalls that his brother John shot a grizzly "right between the eyes" as it crossed a log toward him in the forest E. of Republic.
1913	C.H. Merriam, 1916 f. Majors, 1983		T30N,R16E	Kill	Type specimen	1	The type specimen for the Chelan bear (<u>Ursus chelan</u>), was taken near Trinity and Phelps Cr. campground. It was later reclassified as a grizzly (<u>Ursus</u> arctos).
:913	Paul Lovejoy	Omak	T35,36N,R24E?	Kill	Hide	2	P.L. recalls a bear killed "above Conconully" by Billy Sproul. The hide was dried and laid out in a vacant lot in Conconully which P.L. crossed on his way to school. As a small child he was scared of the hide and ran past it. It was "a big thing." It was supposed to be a grizzly.
912-16	W.O. Burgess	Plain	T27,28N,R18E	Tracks		2	W.B. saw grizzly tracks along Entiat Ridge.
914-15	W.O. Burgess	Plain	T28N,R18E,S7	Track	Size	2	W.B. saw tracks in a dusty area trampled by sheep E. of Mad L. They were 7 x 16 in. with no skid, and deep. The bear "must have been as big as a big cow or horse: 15-1600 lb."
out 15	Rufus Woods Sr. Along p.31 f. Majors, 1983		T29N,R14E	Sighting		3	A grizzly was sighted near Kodak Pk.
16-20	Bill Imes Clair Imes	Winthrop	T36N,R20E	кш		3	B.L recalls that a grizzly was killed by the cattleman's association up Cub Cr. about 1916. C.L recalls that the incident happened at the head of Cub Cr., near the cabin, about 1920. "Dad" Carell and other cowboys found a bear with a cow "in its arms" and scared it off with six guns.
7	Will Jenkins 1. Charles Jenkins	Darrington	T31N,R14E	Sighting		4	C.J. recalls his father, W.J. saw 2 big bears up on Miners Ridge.
ut D	Anon 1. Majors, 1975 1. Bjorklund, 1980		TJ2N,R12E	Sighting		4	A grizzly was sighted on Green Mt.

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'ear	Observer	Address	Location	Observation	Details	Class	Description
bout 920	Edson Dow Adventures, p.67	L. Wenatchee	T31N,R17E	KiU		2	A grizzly was killed by E.D.'s grandfather and others on the upper Entiat R. Wounded by 30-30's, it charged the hunters and was finally dropped within a few yards of them.
920	Clarence Heckendorn	Winthrop	T38N,R20E,S10	Track .	Size	3	C.H. was packing for a sheepherder over Billy Goat Pass above Drake Cr. when he saw a huge bear track, bigger than his boot. Sy Wollers, d., prospector, saw it too and told C.H. he "could lay his prospectors pick in the track." That is approx. 16 in.
J20's	Nels Osterberg f. <u>Switchbacks</u> , p.87	Sulphur Cr.	T32N, R12	Kill		1	N.O., miner, killed a "mammoth" grizzly on Lime Mt.
920's	Alvie Sharp, d. f. Dick Horn	Winthrop	T38N,R16E	Sighting		3	A.S. told D.H. that he saw a grizzly near the Anacortes Mine. He was unarmed and backed away when the bear stood its ground.
920's	Will Flournoy, d. f. Ken White	Winthrop	T35N,R19E,S20	кш		4	K.W. remembers that Will Flournoy, d., killed a grizzly in Gardiner Mdws. He was unsure of any details.
02 0's	W.O. Burgess	Plain	T29N,R16E T30N,R15E	ĸm		2	W.B., range inspector for the USFS, recalls that sheepherders shot a couple grizzlies on the Napeequa R.
bout 521	Tom Bagwell	Chelon	T27N,R 20E	Kill		3	While riding for Brannigan, T.B. shot a grizzly at the head of Muddy Cr. from a distance of approx. 75 yds with a 30-30.
50ut 922	USFS trail builder, f. Harvey Manning	Isaquah	T32N,R12E	ĸin		3	H.M. recalls meeting an old USFS trail builder who told of killing a grizzly with a .45 on Green Mt. after the bear had mauled some Indian women.
022-24	Gene Alban	Отак	T39N,R17E, S27,28	кш	Size	2	A grizzly was "making the rounds" of the sheep bands at the head of the Pasayten R. near Slate Pk. A governmant hunter shot it, and it went down into the timber in Goat L. Basin below Holman Pk. He wouldn't go after it. After a week or so, the sheepmen went and found the carcass. It measured 11 ft. long and 8 in. between the eyes. The tracks were about 17 x 7 in. (G.A. showed track size with his hands.)
922	A.L. Kool, d. f. Gordon Stuart	Domke L., above Lucerne	T30N,R17E,S13	KIU		1	G.S. was told by A.L.K. that government hunter Peterson killed a grizzly bear on Borealis Ridge. The bear had been killing sheep.

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Year	Observer	Address	Location	Observation	Details	Class	Description
267)y 1920's	George Miller	Manson	T40N,R21E	Kill		1	A grizzly was killing cattle N. of Winthrop. G.M. saw its track in Cub Cr. Bob Flournoy shot it in Cold Spring Basin with a .30 Luger, but the bear went on. It was finally killed by sheepherders near Spanish Camp. The government hunter, Peterson, claimed he killed it, but they say he found it already dead.
923 Eptember	f. Methow Valley Journal, 9-20-23 Lawrence Peters, Bob Madison	Winthrop	T39N,R17E T36N,R20E	Kill, photo	Hide	1	A bear killed several cattle in the Winthrop area. Government hunter Pete Peterson tracked the bear and killed it. Two photos were taken showing the carcass and stretched hide. (L.P. and others have copies.) The location of the kill was placed W. of Holman Pass by the newspaper account. B.M. says the photo of the carcass shows alpine country near the head of Goat Cr. This incident was recalled (differently) by many sources.
124	W.O. Burgess	Plain	T28N,R16E,S23	Sighting		3	W.B. saw a grizzly, approx. 150 yds. away on McCall Mt.
}24	W.O. Burgess	Plain	T28N,R17E,S21	Sighting		2	W.B. saw a grizzly near the Chiwawa R. road at the mouth of Chikamin Cr. He got out of his car and shot at it with a Luger pistol. It charged. He ran for the car, emptying the pistol over his shoulder. The bear came within 100 ft. as he reached the car, then turned aside.
25	Harry Sherling	Oroville	above Molson	кш		3	H.S. recalls that his neighbor just north across the Canadian border, Christian Piedmont, was loosing pigs. A government hunter came and killed a grizzly.
26	Anon f. Methow Valley Journal, 6-10-26	Winthrop	T35N,R 20E,S1	Tracks	Size	2	A bear with tracks bigger than the grizzly killed by Pete Peterson in 1923 made a nightime survey near Rendezvous Camp. Its route was reported as Windy Pass to Holman Pass to Billy Goat Mt. to Rendezvous Camp and back to Windy Pass. It did no damage, but Hugh McShane was to be assigned to hunt it if it visited again.
7-29	Bill Lester	Winthrop	T40N,R18E	Sighting	Нитр	3	B.L., Stanley Parkinson, d., and Henry Tonseth, d., were putting in trail and telephone line on the Chuchuwateen R. going to Monument 83 lookout. They met a sow grizzly with a cub. She put them up a tree, and reared up on her hind feet at them.

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1933-35	Tom Drumheller, Jr.	Ephrata, Seattle	T39N,R18E,S5	Sighting	Hump, size, color	2	In 1933 several black youth from New York were working at the CCC camp at the Pasayten airport. Two of them were frightened by a bear in the horse pasture above the airport. A couple years later T.D. Sr. and Jr. were riding across the ridge from Soda Cr. to Rock Cr. about 2 miles W. of the horse pasture. Cutting up through a slide area they came up below a large, gray, humped bear. T.D. Sr. warned T.D. Jr. to stay still but to climb a tree if trouble came. The bear went off without seeing them.
Defore 1934-35	John Blankenship, d. f. Norm Renaud	Stehekin Twisp	T33N,R18E	Sighting		3	In 1934-35 J.B. told the young N.R. that he had seen a grizzly bear up Purple Cr. above Stehekin. N.R. says J.B. was a reliable witness.
934	W.O. Burgess	Plain	T30N,R15E	Sighting	Silvertip	2	W.B. saw a grizzly 200 yds. away on Buck Cr. It was a fine specimen, a real silvertip with the light mane fading into brown legs.
934	W.O. Burgess	Plain	T26N,R16E, (S22?)	Sighting		3	W.B. saw a small, 2 yr old (?), grizzly on the trail up to L. Julius from Coulter Cr.
nid .930's	Albert Trieber	Ephrata	T37N,R18E,S31	Kill		2	A.T., age 6, saw a grizzly that one of his father's sheepherders had killed in Arracle Basin.
935-36	Mat Pederson	Pateros	T36N,R18E,S3	Sighting		2	M.P. saw a small grizzly in the sheep trail across from Deadhorse Pt. He said there used to be a few in the Harts Pass area. He has seen grizzlies in Alaska.
935-36	Mat Peterson	Pateros	T37N,R17E	Sighting		3	While working trail M.P. saw a large grizzly on the ridge between Trout Cr. and the Methow R. He has seen grizzlies in Alaska.
.936	Mat Peterson	Pateros	T37N,R18E,S36	Track		3	M.P. was fishing below the switchback at the bottom of Robinson Cr. when he saw a small grizzly track, perhaps 9 in.
1936 Sept.	Bill Wehmeyer	Okanogan	T38N,R17E,S23	Sighting	Silvertip	3	B.W., packing for USPS, was coming out from Pasayten airport when he met a "big, baidfaced, slivertig" bear below Buffalo Pass on the sheep driveway. He gut a good long look from 200 yds. The bear remained on the driveway and he turned up the trail over Windy Fun.
936-37	McKinley Thompson, d. f. Norm Renaud	Twisp	T31N,R20E,S9	Sighting		3	M.T., a sheepherder, told N.R. that a bear had driven his pack mule into timber near Bolling L. and injured it so he had to kill it. He waited for the bear and saw it the next day. It was a grizzly. He wounded it with a 30-30, but never found it. N.R. says he was a reliable witness.

Year	Observer	Address	Location	Observation	Details	Class	Description
1937	Curt Courtney	Ocean Park	T35N,R14E	Sighting		3	C.C. saw a grizzly at the head of the N. Fk. of Bridge Cr. while fishing.
late 1930's	Vince Wehmeyer f.Buck McKinney	Winthrop	T37N,R17E	Sighting		4	V. W. and Ken Thopmson, d., were cutting trail up Mill Cr. K.T. took a shot at the bear near the Azurite Mine.
about 1938	Don Chalmers	Okanogan	T36N,R23E,S28	Track	Size	4	D.C. saw a big bear track on Old Baldy. Local sheepherders said they had seen a grizzly. He did not see the bear. He was not sure that the tracks were grizzly tracks.
1938	Charlie Owens, d. f. George Honey	Twisp	T39N,R17E,S24	Kill	Color, grizzly	, 3	C.O., a sheepherder, killed an "old, roan, grizzly sow" near his camp 3-4 mi. above Rock Cr. on the W. Fk. of the Pasayten R. G.H., USFS, talked to C.O., but did not see the bear.
1939	Curt Courtney	Ocean Park	T35N,R14E	Sighting, track	Claws, hump	2	C.C. and Chan McClain were clearing trail at the head of the N. Fk. of Bridge Cr. They saw a bear at the top of a snow slide. As they climbed up for a better look they lost track of the bear. Coming down they found big tracks, then the bear in a depression in the snow only 16-20 ft. away. The head looked "as broad as [a] brush knife" was long. It had long claws and a hump. He estimated 6-800 lbs. It didn't move, and they backed away.
about 1939	Elmer Campbell	Methow	T33N,R19E	Sighting	Hump, size	3	E.C., USFS packer, was camped approx. 6 mi. up War Cr. above Twisp R. When he went to get his horses in the morning he saw a bear feeding on a hillside across the creek, approx. 200 yds. away. It had hump and was as big as his pack horse. He has seen grizzlies since.
1930's, 1940's	M.L. 'Tug' Thomas	Bryant	T30N,R14E	Sightings		3	He and his hunting friends "used to see 'em [grizzlies] all the time" up around Glacier Pk.
about 1940	Rufus Woods, Sr. <u>Aiong</u> , p.31 f. Majors, 1983		T28N,R15E	Sighting		3	A grizzly was sighted on the Little Wenstchee R.
about 1940	Dick Pideock	Twisp	T39N,R17E	Skull	Size	2	D.P. found a large skull about 2 ft. wide near Pisspot Camp near Soda Pk. He removed a tooth which measured 4 7/8 in. and gave it to Tom Drumheller.
about	Leonard Buchmaster	Chelan	T39,40N,R19E	Sighting		3	Packing for sheepmen, L.B. saw a grizzly blocking his trail near Hidden Lakes. P

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Year	Observer	Address	Location	Observation	Details	Class	Description
about 1940	Leonard Buchmaster	Chelan	T39N,R19E	Sighting		3	Packing for sheepmen, L.B. saw a big grizzly on Ptarmigan Pk.
about 1940	Leonard Buchmaster	Chelan	T39N,R18E	Kill		3	Packing for sheepmen, L.B. shot a grizzly on Buckskin Ridge. It had been killing sheep.
about 1940	sheepherders f. Don Chalmers	Okanogan	T40N,R20E,S17	Sighting		4	The sheepherders told D.C. that they had seen a grizzly near Sheep L.
early 1940's	Clayton Reece	Darrington	T30N, R14E, S31	Sighting	Silver	3	C.R., his father Albert, and Jess Leedle saw a silver sow and a dark cub while hunting deer just S. of White Chuck cinder cone.
early 1940's	Foss Creveling	Methow	T37N,R18E	Sighting	Size	4	F.C. went up to Harts Pass to check on his horses around the time of the Chancellor fire. On his way out, about half way along Rattlesnake Cr., a large bear came out and stood on a rock. He stopped the pick-up and looked. He was sure it was a grizzly.
1940-41	Dick Pidcock	Twisp	T39N,R17E	Sighting	Size,	4	Chasing sheep for T. Drumheller, D.P. came upon a large, brown, sleeping sow in a snow slide on Soda Pk. She awoke and made 3 advances at him. He stood his ground and held a six gun on her. Eventually she left, and he fired a couple shots in the air to hurry her off. He estimated her size to equal his 1100 B. pack horse.
1941	Curt Courtney	Ocean Park	T35N,R14E	Sighting		3	C.C. saw a grizzly at the N. Fk. of Bridge Cr. while fighting fire.
1941	Buck McKinney	Winthrop	T39N,R17,18E	Sighting	Track	3	While cutting timber on Rock Cr. with Ken Thopmson, d., B.McK. went after a tool around some brush and saw a bear. He spoke; the bear came toward him. He detoured. Later they measured the track at 13 in.
1942	Art Ryals	Darrington	T31N,R12E, S13,14	Sighting	Color	2	A.R. rounded a turn near milepost 12 on the trail from Meadow Mt. to Fire Mt. and found himself facing the "big gray bear.," a sow with one gray and one brown cub. The long gray hair on the back was parted like a mane. She came for him. He dropped his fire pack and ran for a tree. The bear got a swipe at him, cutting open his boot and his foot. He sat in the tree 1 $1/2$ hrs before the bear left. He was packed out of the mountains on a horse.

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ear	Observer	Address	Location	Observation	Details	Class	Description
bout 943	Omar Smith Emmet Smith	Riverside Omak	T40N,R23E	КШ		1	O.S.: The Smith sheep camp was plagued by a bear that visited in the night and took a total of 80 sheep. Ross Smith, d., awoke one night to find the bear a few feet from his sleeping bag. Finally, O.S. came on a fresh kill in Long Draw and laced it with strychnine. They found the dead bear a couple days later in Horseshoe Basin. E.S.: You could tell when a grizzly took a sheep because they could carry off the kill without dragging it on the ground.
1943-44	M.L. Tug' Thomes	Bryant	T31N, R13E, S30	KW	Color	1	T.T., his wife and four children, and Chuck Bensen were on Fire Mt. looking down when the "old gray" bear charged them. It had belly hair a foot long that flowed out "like a flying squirrel." He shot her in the shoulder and stopped her charge. Blood spirted and she went down into the brush. They tracked her nearly to Fire Cr., but she was never seen again.
1943	Charles Dwelley	La Conner	T32N,R12E,S3	Sighting, photo	Color, size	3	C.D. and Hugh Ritter, USFS ranger, took supplies to Green Mt. lookout. They went fishing and photographing. They snuck up on a grizzly with a movie camera. It ran when they stood up and C.D. got about 10 seconds of footage. It was a big bear with a white ruff.
mid 1940's	Frank Airey,d. f. Buck McKinney	Twisp Winthrop	T37N,R17,18E	Kill		4	F.A. shot a young grizzly near Harts Pass
1946	Art Ryals	Darrington	T31N,R13E	Sighting	Hump, head	2	A.R. and Leroy Hoffman saw a bigger gray bear below Fire Cr. Pass, a sow with a gray and a brown cub. He belives she was a cub of the gray bear that treed him in 1942. She had the hump and face of (grizzly.
1946	Andy and Dolly Holland <u>Switchbacks</u> , p.126	Lopez L	T31N,R12E, S14,15	Sighting		2	A. & D. were hiking, unarmed, from Meadow Mt. to Fire Pass and stopped for a drink at a stream. They saw a black bear begin to run wildly downhill and laughed. Then a grizzly reared up from th- bushes 30-40 ft away. They ran through the alpine fir thicket. The bear followed, but gave up.
)946 fall	Art Ryals	Darring ton	T30N,R14E,S6	Sighting, Kill	Colo r, size, hump	2	A.R. and two brothers-in-law watched a chocolate colored, 8-900 lb grizzly catching grasshoppers on Glacier Ridge. Later they killed a similar, smaller bear that had a shoulder hump.

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Year	Observer	Address	Location	Observation	Details	Class	Description
1946-47	Charles Jenkins	Darrington	T35N,R13E	Sighting	Roll of hide, size	4	C.J., his father and mother, and a friend were at Cascade Pass. They saw a big bear up on a hillside. As it ran uphill its hide rolled from side to side. He shot twice to scare it off. His father, Will Jenkins, swears it was a grizzly.
1946-47 July-Aug.	Phil Taylor	Sedro Woolley	T35N,R13E	Sighting	Silvertip	3	P.T. and Wade Leroy were on a weekend outing, riding on Sahale Arm above Doubtful L. They saw a medium sized bear with long, gray tipped hair about 100-150 yds below in a basin to the west. P.T. wanted to shoot, but W.L. talked him out of it.
late 1940's	Foss Creveling	Methow	T37N,R17E	Sighting	Hump	3	F.C. saw several bears in a basin below Cady cabin on the road to the Azurite Mine. One was different, apart, had hump. F.C. sure it was a grizzly.
1948	John and Mary Ware	L. Wenatchce	T29N,R13E	Sighting	Silvertip, hump	2	J. & M.W. were hunting deer on Johnson Mt. They saw a grizzly 1/2 mi. away and watched it with glasses, then rode closer. M. held the horses while J. tried to get closer by walking behind some trees and down through a small saddle. M. saw the bear stand, turn, get his scent, and run. She could see the shape, hump, and beautiful silver coat. A couple other hunters saw the bear about the same time and were afreid to shoot it with 30-30's.
1548-49 Аргіl	Willard Fritz, H. Bud Morris, Ray Shove, Charlie Peterson, and others	Tunk Mt.	T35N,R29E,S18	Sighting		2	This notorious bear invaded the area for two springs, killing many cattle, dogs, and even black bears. A reward was offered and many hunters tracked it. Eventually, sheepherders south of Moses Meadows claimed to have killed it. A rancher in Aeneas Valley also claimed to have shot it. A bear was killed in Canada E. of L. Osoyoos. (Stories vary.) No reward was paid, but the loss of livestock ceased.
about 1950	Richard 'Slug' Davis	Winthrop	T37N, R 17E, S7	Sighting	Size	3	S.D., Roy Cuddle, and Buck McKinney saw two bears on Cady Pass. At first they thought they were sow and cub, then they realized that the "cub" was full grown, "as big as a black bear," and the "mother" was immense. S.D. had seen Kodiak bears during WW II and recognized the big bear as a grizzly. It was warry, and they never got within 1000 yds.
early 1950's	Buck McKinney	Winthrop	T37N,R 18E	Sighting	Size	4	Saw a big bear, clear from a long distance on the ridge between Trout Cr. and Rattlesnake Cr.

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	Observer	Address	Location	Observation	Details	Class	Description
at G	Roy Slidman	Concrete	T36N,R11E	Sighting		4	R.S. and his wife were looking for huckleberries up Bacon Cr. when a bear crossed the road. They stayed at the pickup until it was well out of sight. They looked it up in a book when they got home; "it had that grizzly look." They agreed it was not a black or brown bear.
out /50	John Segle	Leavenworth	T27N,R13E,S35	Sighting	Hump	3	J.S. was hunting bear on Lichtenberg Mt. when he saw a grizzly near Valhalla L. It had a hump. He tried to get close enough to shoot it, but a pack string coming up Nason Cr. scared it off.
950	Tom Drumheller, Jr.	Seattle	T37N,R18E, S31,32	кш	Hump, color	2	T.D. and a camptender were looking down from Big Gun camp at the head of the Middle Fk. of the Pasayten R. They saw a herder, Claud Dixon, coming around the sheep in an unusual hurry. They saw him shoot twice and begin retreating. Then they saw a big gray bear with a hump pursuing him. C.D. kept firing, but saved one shot in his gun for the last minute. He fell over a log and caught his leg. The tender went to help and finished the bear with 3-4 shots of a 30-30. Only then did C.D. find that he had used one shot earlier in the day, and his gun was empty.
1950	Jack White	Twisp	T32N,R19E	Sighting	Size	3	J.W., on a pack trip at the head of Prince Cr., saw a grizzly 3-400 yds away in a meadow. It was "big as a cow." J.W. had spent time in the Yukon and was familiar with grizzlies.
1950	Elmer McGinnis	Nespelem	T31N,R34E,S13	Sighting	Size, color	4	E.McG. saw a bear 3/4 mi. from Gold Mt. lookout through binoculars. It "would go a good 1800 lbs. (They get bigger), 4 1/2 ft. tall at the shoulder." It was iron gray, razor backed, raw boned, enormous,
1950	cook, USGS f. Harvey Manning	Isequah	T39N,R11,12E	Sighting		4	H.M. met a USGS party near Hannegan Pass. The cook said he had seen a grizzly on Little Beaver C
1950	Majors, 1975, p.31 f. Bjorklund, 1980	·	T39N,R11,12E	Sighting		4	Three grizzlies were sighted along Little Beaver Cr. in 1950.
1950	Harry Rinker	E. Wenatchee	T31N,R15E,S12	Sighting	Hump, silver fir	2	H.W. was hiking from Holden over Cloudy Pass when he met a bear with sliver fir 20-25 yds. off the trail. It turned, and he saw the hump.
	Clavton Reece	Darrington	T30N,R12E,S6	Sighting	Size, color	4	While hunting goats on Lost Cr. Ridge above Round L., C.R. saw 2 bears, much bigger " deer, two-tone, with dark brown head and show

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'ear	Observer	Address	Location	Observation	Details (Class	Description
.950	Frank Austin	Twisp	T40N,R19E	Sighting, track	Hump, claw mark	2	F.A., lookout at Bunker Hill, was fixing the phone. He saw a bear 1/2 mi. off at a spring. It had a hump back. He found 1 1/2 in. claw marks in the mud.
950	Majors, 1975, p.34 f. Bjorklund, 1980		T30N,R14 <u>P</u>	Sighting		4	A forest ranger was seriously mauled by a grizzly near Glacier Pk.
950's	Emmet Smith f. Jack Beeman	Omak Loomis	T36,37N,R25	Kill		4	J.B. recalls that E.S. shot a small grizzly between Fish L. and Blue L. during hunting season. E.S. did not mention the incident.
.950's	Ab Coon f. Buck McKinney	Winthrop	T38N, R17E	Sighting		4	A.C. told B.McK. of seeing a grizzly at Windy Pass approx. 30 yrs ago.
951 Oct. 3	Bob Marsh	Yakima	T39N,R25E,S33	Sighting	Silvery, size	2	About 1/3 of the way up Toats Coulee B.M., Dept. of Game, spooked a 900 lb. bear from a patch of elderberries. It ran uphill 100 yds. away. Its hair, 10 in. long, waved as it ran, a beautiful silvery animal.
952	P.J. Bandy Report	Manning Park B.C.	Canyon Cr.	Kills		1	"Grizzlies occur only at two places in the vicinity of [Manning] park. A few have been reported from the Pasayten valley, but the majority of grizzlies found in the area occur on the sides of the Canyon Cr. valley. According to loggers in the Canyon Cr. valley, three grizzlies were shot and taken out of this valley last spring."
952 une 18	P.J. Bandy Reportem p.17	Manning Park B.C.	Flash L.	Sighting		3	"A bear, probably of this species (grizzly), was seen at the bottom of a slide on the south side of Flash L. (in Manning Park, B.C.) on June 18. This animal was not seen again."
952	Frank Randall, d. Bill Randall Bob Marsh & f. Dow, Adventures, p.64	Tonasket Yakina	T40N,R30E,S30	KID	Skull, hide, photo	1	A bear killed several calves near Molson. F.R. and B.M. set a trap near a fresh kill on Ollie Rise's ranch and Caught a young 280 Ib. grizzly. The skull and hide were sent to WSU and positively identified by Dr. George Hudson. They remain in the WSU collection. This well known kill was mentioned by many people.
953-54	Melodie Courlie Sapp, & Mabel Eva Gourlie	Port Orchard	T38N,R17E	Sighting	Hump	3	M.G.S., her mother, M.E.G. and her father, Walter Gourlie, d., lived at the Barron mine site where he worked the Golden Arrow Mine. On the opposite hillside 2-300 yds. away they once saw several bears. One was 1/4 to 1/3 larger, reddish brown. Through binoculars they could see a hump, "like a buffalo." They watched it 1 1/2-2 hrs. W.G. said it was a grizzly.

Year	Observer	Address	Location	Observation	Details	Class	Description
1954	Burke Spake	Pateros	Rock Cr., B.C.	Sighting, kill		2	While placer mining on Rock Cr. E. of Osoyoos, B.C., B.S. heard a bear in his food cache. He threw a stick of dynamite at it, and the bear fled. However, the dynamite caught the bear's hind foot. Later a government hunter killed a grizzly that was missing a hind foot.
mid 1950's	Harley 'Bud' Morris	Okanogan	T40N,R21E	Sighting	Hump, coat	2	While watching cattle near Spanish Camp, B.M. saw a big sorrel grizzly twice: on Bald Mt. and along the creek. Once it was feeding in a meadow 200 yds. away. It was "well over 4 ft. at the shoulder," with a "high shoulder" and "buckskin, shaggy" hair.
about 1955	"Dummy" Smith, d. f. Kynion Cox	Leavenworth	T29N,R17E, S19,30	KIII		3	D.S., Chelan Co. game agent, shot a grizzly in lower Rock Cr. during the hunting season. It had bothered fishermen for a couple years, and its presence was well known.
mid 1950's	Maurice Splane	Sedro Woolley	T36N,R14E	Sighting		2	M.S., Dept. of Game, saw a grizzly along Fisher Cr. Few believed him until Rocky Wilson shot the bear in 1967.
1957	Jim Belles	Sedro Woolley	T36N,R14E	Track		4	J.B., his father Clyde Belles, and friend Owen Chase were backpacking up Fisher Cr. They saw bear tracks following a USFS pack string up the trail. C.B. had seen grizzly tracks before and identified these as grizzly tracks.
1957-58	Gene Smith	Omak	T40N,R24E	Track	Claws	2	Looking for sheep on N. Fk. of Toats Coulee, G.S. saw a bear track "2 fingers wider than [his] boot" with "claw marks 2-3 in. long."
1958	Howard Barstow	Darrington	T33N, R12E, S2 6,35	Sighting	Hump, color	2	H.B. and Harold Matcomber were hiking the trail from Green Mt. to Horse Cr. On the ridge looking down into Downey Cr. H.M. dropped his jackst. When they returned for it they found a bear with a hump, High paws, a palomino color, and "all the marks" of a grizzly. H.B.'s dad saw a similar bear on the other side of Downey Cr. two days later.
late 1950's	Emmet Smith	Omak	T40N,R23E	КШ		2	E.S. found a small grizzly that had been killing sheep and shot it up in Horseshoe Basin.
late 1950's	Albert Trieber	Ephrata	T37N,R17E, S27,34	Kill		2	A.T. saw a grizzly shot by one of his sheepherders at the head of the S. Fk. of Slate Cr-

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ear	Observer	Address	Location	Observation	Details	Class	Description
ıte 950'	John Keener	Bothell	T37N,R18E	кш		4	J.K. was driving up to Harts Pass. About 2 mi. below the top he picked up a bloody hunter and gave him a ride up to his buddles at the pass. He swore he'd killed a grizzly down in the canyon. J.K. did not see the kill.
05 8-59	Frank Martin f. Roy Kumm	Winthrop	T40N,R16E	Sighting		4	While working trail crew in 1960 F.M. told R. K. of seeing a grizzly bear on Big Face Cr. a couple years earlier. It sat on the hillskide and watched the crew.
959	Stan Janicki Wilfred Bridge	Sedro Woolley	T34N,R13E	Sighting, Photo	Color	4	One mile above Mineral Park on Middle Fork of Cascade River. W.B.: black head and legs, red sides, tan butt, mane on back, long body. S.J.: sure it was a grizzly. Took pictures with 8mm movie camera.
- bout 960	Stan Dick Hawley Woolschlager	Winthrop Okanogan	T38N,R17E	Kill		4	A report of a grizzly being killed over Windy Pass came to the USFS at Early Winters, where S.D. and H.W. worked. H.W. thinks the Dept. of Game tried to pursue the report and "maybe never found it."
bout 960	Leonard Berg	Okanogan	T31N, R16	Sighting		4	The first year of the high hunt L.B., Vern Mayers, and Don Paton, d., were hunting in the Chiwawa Basin. The other 2 men claimed they saw a grizzly. L.B. didn't see it.
bou t 360	Dick Woodcock	L. Wenatch ee	T28N,R16E, S 3,4	Sighting	Hump	3	D.W. and a friend were in the basin at the head of Raging Cr. They saw a really large bear angling up Crook Mt., several 100 yds. away. They saw a good silhouette. It had a high hump. They thought it was a grizzly and were surprised because they weren't supposed to be there.
960	Larry Bates	Sedro Woolley	T39N,R14E,S 4	Sighting	Color, size	3	L.B., Lyle Garrets, and others, a USFS trail crew, were staying in Deer Lick Cabin on Lightning Cr. when their dog yipped, ran at a bear and retreated. The bear, 150 ft. away, stared down the dog and went on. It was the "color of a collie dog" on head and shoulders, otherwise dark, large (approx. 600 lb. compared to cattle), with a big head. "It didn't look like a black bear; it didn't act like a black bear." He got to thinking later that it was a grizzly. "That was no black bear."

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'ear	Observer	Address	Location	Observation	Details	Class	Description '
.960 mward	B. Elmer Goodwin	Chelan	T35N, R17E, S33	Sightings	Hump, silvertip	3	B.E.G. has had mining claims on Frisco Mt. above Rainy L. with Bill Willmorth. B.E.G. has repeatedly seen bears with a hump, "bigger than a horse. They're silvertips." His closest meeting was 50 yds. Only one has stood its ground. He's seen lone bears, never a sow with cubs. They move through, northbound, in early spring.
early 1960's	Leonard Jagla	Wenatchee	T30N,R15E	Sighting	Hump	3 () :	L.J. was returning from Buck Cr. Pass when he saw a bear on the ridge to the S. It had a hump, and he saw the light shining through the long mane on its back.
1960's	Clayton Reece	Darrington	T31N,R15E	Sighting	Color	4	While hiking at the head of Canyon Cr., C.R. saw a dirty gray bear with "blue" head and shoulders.
1960's	Clinton 'Dutch' Tollenaar	Darrington	T31N,R12E	Sighting	Hump, color	3	One fall while packing between Meadow Mt. and Fire Mt. he saw a sow and 2 cubs below him in the snow. The sow came back for a squealing cub. She had a hump, and a brownish color, but "not like a brown bear." He thought it was possibly a grizzly.
1960-61	Cari Taylor	Winthrop	T40N,R17E	Sighting		3 %	While packing for USFS trail crews, C.T. came out of timber into a slide area on Chuchuwateen Cr. with a pack string. He saw the bear 500 ft. away. It reared up, sniffed, stood its ground, then went down toward the creek out of sight. It was seen later crossing Goat L. Basin. The next year C.T. saw claw marks high on trees "where a man on a horse reached."
1960-65	border patrolmen f. Charles Jenkins	Darrington	T40N,R7E	Sign		4	C.J., USFS, recalls a report by two border patrolmen who found a black bear carcass covered with brush on Canyon Ridge.
1962-63	Elmer Campbell	Methow	T39N,R18E,S8	Sighting		3	While packing and clearing trail for sheepmen, E.C. saw a grizzly come out of the timber, amble across the Pasayten airport 75-100 yds. away, and go down over the bank into the trees. The trail crew had seen it the day before. They just froze until it disappeared. E.C. has seen grizzlies before and was sure of the identification.
1963	Tom Fleet	Keremeos, B.C.	,	Sighting		3	T.F., manager of Cathedral Lakés Lodge, saw a grizzly where Young Cr. enters Ashnola Cr.
				Sighting	Color,	3	D.S. was riding cattle range with her dogs

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Year	Observer	Address	Location	Observation	Details	Class	Description
nbout 1965	William Soren	Sedro Woolley	T35N,R13E,S36	Sighting	Hump	3	W.S. was hunting ptarmigan at Cascade Pass with Jack Green. He saw a bear below them, waved his hat at it and called Jack. The bear started uphill, W.S. ran horizontally, eventually jumping off a cliff. The bear quit. It had a hump "a foot high" on its shoulders.
mid 1960's	William Soren	Sedro Woolley	T36N,R7E,S4	Sighting		4	W.S. got "just a glimpse" of a bear 1/4 mi. away on a ridge near Three Lakes on Twin Sisters Mt. He is sure it was a grizzly.
mid 1360's	Mervin Bridge	Sedro Woolley	T34N,R13E, S3,4	Sighting	Hump	3	M.B. and others were building a logging road on Johannesburg Mt. approx. 1 mi. up the Middle Fk. of the Cascade R. above Mineral Park. A bear came down through the brush. It had a hump. They got a godd look. He was sure it was a grizzly. He has run hounds and seen many bears.
1966-68	B.C. conservation officer, f. Harvey Manning	Isaquah	T40N,R11E	Sighting		4	H.M. met the officer at Chilliwack L. He told of getting a good look at a grizzly on the Chilliwack R. from a hovering hellicopter.
1967	Rocky Wilson, d. f. Olie Eide, Ellis Bowhay, Charles Dwelley, & others	Mt. Vernon Camano I. Yakima LaConner	T36N,R15E	кin	Hide, measure ments		This is the last grizzly killed in the State of Washington before they were protected by law. R.W., prospector, killed the bear on Fisher Cr., a tributary of Thunder Cr. The fresh kill was checked by O.E., Dept. of Game, and the green hide was measured by E.B., Dept. of Game. It was 6 ft. 10 in., nose to tail. The second left front claw measured 3 1/4 in. It was tanned by Morgan's taxkdermy in Yakima and displayed in Jack's Sport Shop in Mt. Vernon for many years. C.D. has an account of the kill written by Mrs. R.W., who was with her husband at the time. This kill was widely known and variously reported.
1967 late Aug.	Mike Heath Dan Davis	Seattle	T40N,R11E, S14,15	Sighting	Hump, silvertip	2	Coming down from a climb on Bear Mt., M.H. and D.D. were hiking out along Bear Cr. through the brush. There was no trail. M.H. was in the lead. He rounded a corner and found himself 15 ft. from the backside of a 500 lb. bear sitting in the creek. He turned around, put his hand on D.D.'s chest and pushed him back. They retreated to a boulder and got out their ice axes. The bear moved off. It had a hump, silvertip hair, and was "damn big, certainly no brown-phase black bear." (M.H.) M.H. had seen many grizzlies during 2 years as a geologist in Alaska. They had just heard of the grizzly attacks on 2 girls in Clacier Park.

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Year	Observer	Address	Location	Observation	Details C	Class	Description
1967-68	G. Dennis Kelly	Price, UT	T36N,R 19E,S29	Sighting	Color	4	D.K., USFS hydrologist, was hiking up Early Winters Cr. above Pekin Cr.(before the N. Cascades Highway was built). He saw what he thought was a carcass of a roan cow lying on the snow in the sun, but when he got within 30 ft. it raised its head. It was a bear. He got out of there. He thought it was a grizzly, but district ranger Austin Klahn told him it might be a cinnamon bear. "I wouldn't know the difference." He took a lot of good-natured ribbing.
1967-68	Tom Graves f. Dale Tonseth	Winthrop	T38N,R18E T37N,R18E	Sighting		3	T.G., packer, saw two bears he called grizzlies on the Middle Fk. of the Pasayten R. The next day D.T., USFS, saw two bears he thought were grizzlies on Robinson Cr. He wouldn't say for sure. Perhaps T.G has pictures.
about - 1968	Emmet Smith	Omak	T41N,R23E	Sighting	Silvertip, hump, etc	2	E.S. saw a grizzly burrying a sheep it had killed just across the Canadian border N. of Horseshoe Basin. He described the difference between black and grizzly bears in detail.
nbout 1968	miner Ashecroft, d. f. Marlin Miller	Sedro Woolley	T39N,R9E	Sighting	Нитр	3	A Mr. Ashecroft, a miner from Oregon, told M.M. that he had seen a sow and 2 cubs around his camp on the N. Fk. of the Nooksak R. for a couple of weeks. The cubs were curious, but the sow and the miner kept their distances. He was sure she was a grizzly; she had a hump. He estimated she weighed 500 lbs.
1968	Olie Anderson f.Jerry Davis	Twin Falls, ID	T37N,R17E,S26	Kill	Hump, feet	2	Anderson killed the bear while herding sheep. He later described the it to J.D., USFS, in good detail.
late 1960's	Clyde Pauls	Oroville	T37N,R25E, S15,16	Sighting	Hump	2	C.P., USFS trail crew boss, saw a grizzly on Sinlahekin R. 1 mi. below Blue L. He watched it thro glasses from 100-150 yds. away for 45 min. There was "no doubt about the hump."
late 1960's	Paul & Linda Schwilke	Oroville	T37N,R31E,S7	Sighting	Hump, color	3	P. & L.S. saw a bear cross Hwy 20 1 mi. E. of the Wauconda Summit about 40 yds. in front of the car. It jumped the guard rail and went up the opposi- slope. It had a hump and long yellow hair on its back They looked it up in a book when they got home.

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ear	Observer	Address	Location	Observation	Details	Class	Description
∶e 50's	Archie Mills Joe Gjertsen	Wenatchee	T29N,R14E	Sighting	Size, hump	3	A.M., J.G., and Dale Allen were riding the Pacific Crest Trail N. of Dishpan Gap. A.M.: They saw a gigantic bear down to the W., 3-400 yds. away, feeding in a meadow. It was "considerably larger than any black bear." They thought it had a hump. J.G.: It was "large as a cow eik. We thought perhaps it was a grizzly. I wouldn't want to swear to it."
:9 .₫∙	Lowell Warner, Jr. f. Jim Harris f. Bjorklund, 1980	Marblemount	T35N,R14E	Track		3	L.W., miner, was looking at the Skagit Queen Mine holdings on upper Thunder Cr. He saw a track which he called a grizzly track. J.H., NCNP ranger, quized him on his report. L.W. had spent time in Alaska and seemed knowledgeable.
169	Dept. of Game f. Bjorklund, 1978		T36N,R12E,S32	Sighting		4	The Washington Dept. of Game's high lake fishing summary included a statement, "grizzly noted," in the area of Monogram L. No details were given.
6 9	Bob Zachman	Loomis	T40N,R23E S2 4,2 5	Sighting	Hump, silvertip	3	Deer hunters B.Z. and his uncle were camped at the hot springs below Albert Camp. They saw a bear approx. 75 yds. away: black with silver tipped hair and an 8 in. hump. They shot in the air and the bear left.
}69 - 70	Stan Janicki	Sedro Woolley	T37N,R8E	Sighting	Size	4	While looking at timber up Wanlick Ceek about 10 ml. above Baker Lake blacktop, S.J. saw what he thought was an elk approx. 1500 ft. below the road. He yelled. "The biggest bear I ever saw stood up."
xout)70	Lyle Reed	L. Wenatchee	T38N,R17E, S15,16	Sighting	Нитр	2	L.R. and Harry Tuttle, Barron, trapper, saw a grizzly approx. 3 mi. N. of Barron on the ridge in a big meadow. It was 3-400 yds. away. They saw the hump, "no mistake." H.T. said he had seen grizzlies before in the Pasayten area. L.R. had lived near grizzlies in Canada and was familiar with them.
)70	Dwight Crittenden	E. Wenatchee	T30N, R17E, S12	Track	Claws	2	D.C., taxidermist, saw a bear track near the head of Snow Brushy Cr. The claw marks were 3 in. from the pad.
.70	Leonard Berg	Okanogan	T35N,R17E	Sighting	Hump, silvertip	3	While surveying for the N. Cascades Highway, L.B. and others saw a bear eating berries 600 yds. away on Whistler Mt. It didn't spook when they shot near it. It was big, fat, approx. 800 lb. It had a hump and a silver sheen. He wouldn't say for sure it was a grizzly.

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Year	Observer	Address	Location	Observation	Details (Class	Description
1970	Jack Beeman	Loomis	T38N,R25E	Sighting	·	4	J.B. saw a bear 2 years on Gold Hill, the first time 200 yds. away, the second time closer. It was bigger than a black bear. He was sure it was a grizzly; he "just observed it."
1971	Gary Paull	Holden	T35N,R14E,S18	Sighting	Face, claws	2	G.P., age 15, hiking the Pacific Crest Trail, was camped with 3 friends in Thunder Basin. A bear came into camp at night, and his friend began to rattle pots. He awoke and broke out laughing at the friend. He saw the bear approx. 8 ft. away and remembers the dished face and long claws. It was 3 1/2-4 ft. tall at the shoulder. It ate his jello from a snowbank and left.
1971-73	J. Art Cook	Sedro Woolley	T36N,R10E S12,13	Sighting	Hump, head	2	While hunting goats on Diobsud Butte, he came over a ridge and saw a grizzly 100-150 ft. below him. He took a good look and backed off. He saw a shoulder hump and a "12 in. broad" skull. He had seen grizzlies before in B.C.
early 1970's	Tom Drumheller f. Buck McKinney	Winthrop	Pasayten	Kill	Big bear, Gray	4	A Basque sheepherder who could not speak English pantomimed to T.D. the killing of a horse size, gray haired bear in the Pasayten Wilderness.
1972	Elmer Johnson	Twisp	T34N,R 19E,S15	Track	Size, Claws	3	E.J. and Nate King, d., saw a large track with claws in the muddy potholes above Slate L. N.K. told E.J. it was a grizzly track.
1972 July 26	Dorothy Naas f. Jon Bjorklund, park files; Jerry Davis	NCNP Twin Falls, ID	T38N,R17E,S26	Track	Claw	2	D.N. and her husband Ralph, volunteer botanists, and Chuck Arendts, Lewis Maher, and J.D., USFS, saw a track about 1 mi. S. of Windy Pass. D.N.: The "largest track measured 5 1/2 x 10 in., claw marks deeply indented in firm mudIt wa assumed they were not very fresh." J.D.: The bear had slid down off a snowbank and put its full weight into th prints. It left a clear front paw with the claws sideway
1972 Лид.	Ted Carpenter		T40N, R11E, S13	Sighting		3	A grizzly bear was reported near Bear L. and Mt. Redoubt.
1972 Aug. 26	Harry Wills f. Jon Bjorklund, park files Ed Allen	NCNP Portland, OR	T36N,R12E,S29	Sighting	Hump, silvertip, face	3	H.W., interpretive specialist at NCNP, saw a bear run across Hwy. 20 about 1/2 mi. W. of Early Winters Cr. It was dark, with silvertipped hair, a marked shoulder hump, and a concer face. It "disappeared too rapidly to make positive identification." E.A., USFS at Early Winters, discri it as a brown-phase black bear which had bear several observers.

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		musess	Location	Observation	Details	Class	Description
1972	Julie McKinney	Twisp, Alaska	T37N, R 20E, S6	Sighting	Hump, silvertip	2	During the high hunt J.M. and husband Randy saw a bear 500 yds. away on the W. slope of Sunrise Pk. It was like none of the black bears she'd seen. It verged on cinnamon color, about 600 lbs., with a hump and grizzly-tipped hair. They had lived a year in Alaska and seen grizzlies before.
1972	Mike Heath	Seattle	T38N,R 12E ,S2 9	Sighting	Shape	3	While climbing M.H. saw a bear 1/2 ml. away on a snowfield on the divide between Terror Cr. and Jay Cr. He wouldn't say for sure it was a grizzly.
1972	Jim McDaniels	Loomis	T39N,R25E,S30	Sighting	"White hair"	2	J. McD. and his father saw a grizzly 1/4 mi. from the campground at the forks of Toats Coulee Cr. It "had the white hair" on its shoulders.
about 1973	Bill Lester	Winthrop	T36N,R22E	Sighting, track	Claw marks	3	B.L. saw a bear while going up Leroy Cr. toward First Butte. It was unafraid and left long claw marks.
about 1973	Warren & Mike Nelson	Oroville	T40N,R22E,S18	Sighting	Hump	3	W. & M.N., with others, saw a bear on Apex Mt. above Tungsten L. It was 1/4 mi. away, eating berries. They saw the hump on its shoulders.
1973	Dwight Crittenden	E. Wenatchee	T25N,R15E,S13	Sighting, track	Hump	2	D.C., taxidermist, saw a bear crossing a snowfield 90 yds. away above Flora L. He saw the hump. Its carriage seemed to be a large male. He checked the tracks. He had lived in Cranbrook, B.C., and seen several grizzlies.
1973	Bob Lauth	Okanogan	T35N,R24E	Sighting	Head, color	3	B.L., sheriff's forest deputy, saw a yearling, fawn-colored bear above Conconully on the road to Wagon Camp. He saw it more than once, as close as 100 ft. He identified it as a grizzly by the shape of its head, ears, and snout.
973-76	Tom Fleet	Keremeos, B.C.		Kill		1	T.F. recalls that a rancher shot a grizzly near Hope Summit.
)out 174	John Hendrickson	Leavenworth	T30N,R15E, S13,24	Sighting	Hump	3	J.H., trapper, was hunting on Buck Mt. He shot at a small black bear and was pursuing it when he saw a big grizzly feeding in berries 200 yds. away across a draw. It didn't move. It was tan and had a hump.

Year	Observer	Address	Location	Observation	Details	Class	Description
1974	Bill Hansen	Wenatchee	T29N,R14E,S30	Sighting	Нитр	2	B.H., packer, with a representative of the Museum of Natural History and his wife, saw a huge cinnamon-colored bear, as big as a pack horse, on Wenatchee Ridge toward Johnson Mt. It had a hump and huge tracks. There was a sow and a cub lower down. The MNH man identified them as grizzlies.
1974	Ivan Hobbs Ralph Kimmerly	Leavenworth	T25N, R16E, S6,9	Sighting	Hump	2	LH., R.K., both USFS, and Al Cockrum were camped in Timothy Meadows. They saw a grizzlly feedie on berries on a hillside approx. 200 yds. away across the creek. They watched it with binoculars and saw the hump. LH. was raised near Yellowstone and is familiar with grizzllies. R.K. saw "plenty " of them in Alaska.
1974 July 6	Frank Dommarell f. Ellis Bowhay	Yakima	T22N,R13E,S26	Sighting		4	E.B., Dept. of Game, noted in his daily log that F.D., hatchery assistant at Tokul Cr., had reported seeing a grizzly in the Salmon Ia Sac area at T22N,R13E,S26. [Thorp Cr.]
mid 1970's	Freeman Stoner	Peshostin	T25N,R15E,S14	Sighting	Нитр	3	F.S. saw a big bear crossing a clearing and rode within 300 ft. of it near L. Margaret and L. Mary. He could see the hump and estimated the weight at 750-800 lbs. He hunts bear with hounds and has studied them. "When you see a grizzly, you know a grizzly. They walk different."
1975 September	hunters f. Curtis Edwards	Winthrop	T38N,R16E,S33	Sighting		3	C.E., USFS wilderness ranger, encountered hunters in Devils Park. They said they had seen a grizzly in Nichol Cr. and watched it through their rifle scopes for approx. 5 min. at 1/3 mi. They had seen grizzlies before.
1976 May 22	Malcolm Macarthey, Duncan MacIntosh f. Gail Ross, park files	Manning Park, B.C.	121 [*] 13'W, 49 [*] 16'N	Sighting		3	M.M. and D.M. saw a grizzly 1 ml. W. of the park on Hwy 3.
1977	P. Marochi f. Gail Ross, park files	Manning Park, B.C.	120 [°] 51'W, 49°13'N	Sighting		2	P.M., park staff, saw a grizzly on Nicomen Ridge. G.R.: Reliable.

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Year	Observer	Address	Location	Observation	Details	Class	Description
1977	Don Holman	Dryden	T26N, R 14E, S24	Sighting	Hump	2	D.H., hunting black bear with a muzzle loader, was watching some deer on the ridge above Josephine L. looking into Mill Cr. They alerted him to a bear down in the huckleberries. He watched it approx. 30 min. at 300 yds. with 7x binoculars. It stood and sniffed at the deer (2-250 yds. away) several times. It had a hump, was 7-7 1/2 ft. long, and its hide rolled when it moved. He has seen several grizzlies in B.C. and killed one there in 1982.
1977 -79 ГаЦ	Dick Barden	Seattle	T25N,R 17E	Sighting	Hump, face, color	2	D.B. saw a bear in Tumwater Canyon, 10-15 mi. W. of Leavenworth along Hwy. 2. They stopped the car, got out, and watched it for 15 min. It paced back and forth on the SW. side of the Wenatchee R. 3-400 ft. away, seemingly confused by the highway. It had the hump, dished face, size, and color of a grizzly.
1978	new residents, f. Dick Haines	Tonasket	T34N,(R34E?)	Sighting		3	D.H., then biologist for the Colville Tribe, received a report of a grizzly sighting near Seventeenmile Cr. The new residents had come from Alaska and seemed knowledgeable.
t978	Dick Haines H. 'Doodles' Stewart	Tonasket Nespelem	Colville Res.	Kill	Skuil, claws	4	D.H., then biologist for the Colville Tribe, received a report of a bear kill. 'Doodles' Stewart brought in the skull and claws. D.H. measured them and thought they were grizzly bear parts. John Patterson, Washington Dept. of Game, referred D.H. to mammalogist Murray Johnson at U. Puget Sound, who determined it was a black bear.
1978 June	Bob Hildebrand Dal Wilder	Oroville	T39N,R24E,S19 _	Sighting		4	B.H. and D.W. saw a bear near Four Point Camp on the Middle Fk. of Toats Coulee Cr. It crossed the road about 75 yds. away on its way to the creek. B.H. had seen live grizzlies in B.C. and also one killed by a hunting partner in Montana. He was sure this was a grizzly. D.W. wasn't so certain. "It had its rump to us, running away."
1978 July 23	park staff f. Gail Ross, park files	Manning Park, B.C.	121°10'W, 49°16'N	Sighting		2	Park personnel saw a grizzly sow and cub at Mt. Outram. G.R.: Reliable.
1978 July 25	Tom Graves f. Jon Bjorklund, park files	Winthrop NCHP	T40N, R 16E, S33	Sighting		3	T.G. saw a bear on the pass between Elbow Basin and Big Face Cr. It was approx. 1/2 mi. away on a snowfield. He "positively identified" it as a grizzly.

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8 5. 26	Clifford Thresher f. Bjorklund, 1978 f. Jim Harris	NCNP Marblemount	T40N,R14E,S32	Sighting	Hump	3	C.T., NCNP fire lookout on Desolation Pk., saw a bear approx. 500 yds. from the lookout in a rock slide. It may have been attracted by a dead marmot. He watched it from 400 yds. with 7x binoculars. It was blond and had a hump. He had seen grizzlies in Alaska and "felt confident of the identification." (J.B.) J.H., NCNP ranger: "He wouldn't swear that it was."
178-79	Gene Smith	Omak	T39N,R24E,S17	Sighting	Hump	3	While piling brush above Daisy Camp, G.S. saw the top half of a bear with a hump, approx. 400 ft. away in the brush. He didn't see the head. Someone else in Loomis reported seeing a grizzly in Hodges Horse Pasture, 2 mi. N., about the same time.
978-79	Clayton Reece	Darrington	T31N,R15E,S 34	Sighting	Size, color	4	Flying over Flower Dome, C.R. circled within 100 ft. of a 7-800 lb. bear with a dark stripe on its back. He has seen grizzlies in Alaska.
,979	Freeman Stoner	Peshastin	N. of Curiew	Sighting		3	F.S., hound man, put his dogs on a big track a few miles N. of Curlew. The bear chased the dogs back within 300 ft. of him, then headed N. into Canada. He was sure it was a grizzly. He has studied bears. "When you see a grizzly, you know a grizzly. They walk different."
1979	Dean Brazle f. Dave Schindler	Hevilla	T39N,R29E,S24	Sighting		4	D.S., sheriff's forest deputy, reported that D.B. saw a grizzly in his hayfield.
1979 August	Dennis Gates	Sedro Woolley	T37N,R12E,S21	Sighting	Color, head	3	D.G. stopped for lunch at Newhalem park and noticed a bear up on the hillside about 500 ft. above him, 5-600 yds. away. He watched it guite a while with 10-20x zoom binoculars on a tripod. He is sure it was a grizzly. It had "round head, short face, blond" hair. He estimated it was a "3 year old, about 500 lb." He has seen grizzlies in Alaska and Wyoming. He packs in Idaho and Montana.
1979	L.M. 'Butch' McFee	Pateros	T37N,R19E,S17	Sighting, track	Silvertip, claws	2	B. McF., bear hunter, saw a slivertip digging out marmots up Lost. R. above Eureka Cr. Later he checked its prints and found "definite long claw" marks.
1979	Bill Wilmorth	Chelan	T35N,R17E,S23	Sighting	Ηստթ	3	B.W. was hunting with Tom Clark on Whistler Mt. when T.C. shot a black bear up on a ledge. B.W. started climbing up to help pack out the kill. He heard a noise and turned to see a grizzly approx. 200 yds. below him He could see the hump. He crouched behind a rook waved to T.C. The grizzly stood "to look at" T' yds. away, then moved on. T.C. did not see T'

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30 Ting	Dal Wilder	Oroville	T40N, R 24E	Sighting	Hump color	3	D.W. and his son packed in to Hells Hole Meadow and came upon a huge bear on the side of a beaver dam 50 yds. away. In approx. 30 seconds it turned, sat with its forepaws extended, then rolled over and disappeared behind the dam. It had the hump and color of a grizzly, and "acted different" than the black and cinnamon bears he'd seen.
30 ne 26	John Toochin f. Gail Ross, park files	Manning Park, B.C.	120° 34'\Y, 49° 04'N	Sighting		2	J.T., park staff, saw a grizzly on the Pasayten R. G.R.: Reliable.
50 У	Don Snyder Mike McKee	Wenatchee	T28N,R16E,S8	Track	Photo	4	D.S. and M.McK. were hiking up Napeequa R. approx. 1 mi. above Twin Lakes Cr. They came upon a beaver pond where the water was still turbld and found fresh tracks at the edge. They were 2 in. deep in soll that a 200 lb. man couldn't dent. They took a picture of the tracks. (The picture shows a man's hand next to 2 divots in the sod, approx. the size of the outstretched fingers, but no pad or claw marks.)
30 y 9	Janet Huddleston f. Jon Bjorklund park files	NCNP	T40N,R14E	Sighting	Size, color	4	J.H. saw a cinnamon colored bear "3 mi. up Lightning Cr. trail." It was approx. 3 ft. tall and 6 ft. long. "Its size and auburn color led me to believe that it could be a grizzly bear. One was sighted in this area 2 years ago." (cf. C. Thresher, 1978.)
30 y 22	Thomas Reese f. Jon Bjorklund, park files	NCNP	T31N,R20E	Sighting	Head, hump?	3	T.R. saw a bear at the intersection of Prince Cr. and the Summit Trail. It was cinnamon brown with a broad head, "hump possible," 4-500 lbs. He was "80% sure" it was a grizzly. He had "much experience with bears."
30 Y. Z-	Bub & Jon Neal	Oroville	T39N,R22E,S14	Sighting	Hump	3	B. & J.N. were riding out along the Chewack R. when they saw a "big, real dark brown bear" near the corrals at the mouth of Fire Cr. B.N. didn't want to exaggerate, but estimated it could weigh up to 1000 lbs. When they got as close as 150-200 ft. the bear went over the corral fence, and they saw the hump. When they got home and looked it up in the encyclopedia they decided the hump meant it was a grizzly.
30 ·	son Stucker f. Slim Stucker	Oroville	T40N,R23E	Sighting	Hump	3	S.S. heard a second hand story from his son that a fellow stayed in Horseshoe Basin several weeks and saw a grizzly sow with 3 cubs. It was reported to be a large bear with a hump.

Year	Observer	Address	Location	Observation	Details	Class	Description
1980-81	Paul & Linda Schwilke	Oroville	T36N,R17E,S12	Sighting	"Face"	4	After goat hunting P. & L.S. were hiking out along the Methow R. about 2 mi. below the Pacific Crest Trail. They saw a bear cub up on the shale above the trail. It "had straight claws and a straight nose," no notched "like a black bear in front of the eye."[sic] When they heard the sow down in the brush below the trail they got out of there. They didn't get a good look at her.
1980	Bob Edwards	Prosser	T30N, R 22E	Sighting		3	B.P. and his wife were looking for a place to camp on a new, unfinished USFS road (probably on Squaw Cr. Ridge) between Pateros and Methow. At the road's end they saw a bear roll down a gravel slope, walk around the pickup almost close enough to touch, go down into a dry wash, pause, and enter a thicket. He was sure it was r grizzly. He has seen them in Montana. He was chased to his pickup by a pair while surveying in Idaho.
1981	Lief Hazelet	Sedro Woolley	T35N,R 12E,S8	Sighting	Нитр	3	L.H., timber sales, USFS, saw a brown bear lope across the road on Cascade Cr. near Marble Cr. It was 3-3 1/2 ft. tall with a hump. It was white-tipped on its shoulders, possibly due to sunlight. He discounted it as a brown-phase black bear.
1981-82 fall	Fred 'Cork' Hunger	Lyman- Hamilton	T35N,R9E T36N,R8E	Sighting	Hump	3	C.H. has seen a grizzly, "a big old boar," the last two falls during elk season on Bald Mt. and Doc! Butte. He has seen it from "20 yds away." He has worked as a biologist for the USF&WS in Alaska and is familiar with grizzlies. "No doubt about it."
1981-2	Jim Phillips	Snohomish	T31N,R16E,S36 T30N,R17E,S28	Sighting, photo of track	Hump, skull, claws	2	J.P., packer, saw a bear digging marmots below Entiat Glacier in 1981. It moved rocks 3 men couldn't move. He estimated it at 8-850 lbs. That fall he followed tracks through 2 ft. of anow to a rockslide above Larch L. where he thought it denned. H has a picture of the prints "bigger than a baseball cap." He has seen the hump, broad skull, pad and claw prints. He has seen the bear or sign near his camp at the head of the Entiat three years. He has seen and hunted grizzlies in B.C.
1982 Spring	Ron Warren f. Steve Judd	Nespelem	Cougar Can.	Track	Size	2	S.J., wildlife biologist for the Colville Tribe, received a report of a grizzly track Cougar Canyon Rd. off Wilmont Cr. It was mean tophologicar T.W. A collection constant

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Year	Observer	Address	Location	Observation	Details C	Class	Description
1982 July 5	Stanley Harris	Seattle	T37N,R18E,S34	Sighting	Silvertip	3	S.H. and family were driving down from Harts Pass, about 1 mi. above Dead Horse Pt., when a bear crossed the road 100 ft. in front of the car and disappeared. It had a "dark brown coat and silver-tipped hair, particularly across the shoulders." It was young, approx. 200 lbs., "not as rolly-polly" as a brown bear.
1982 July 21	Mike Holtsclaw	Tacoma	T39N,R18E	Sighting	Roll of shoulders, size,color	3	Saw bear from helicopter on open hillside on the W. side of Dot Mtn. 4-500 yds. away, 1500 ft. below, 1 1/2 times size of black bear, golden color. The shoulders rolled as it ran.
1982 iate July	Rod O'Toole	Moses Lake	T29N,R21E,S6	Sighting	Silvertip hump	3	Returning from S. Navarre, R.O'T. and his son stopped to camp on the old road cut at Little Grade Cr. While he was cooking bacon for breakfast a bear ran down from uphill, stopped 20 ft. away, and sat for 10 min., then moved into the brush. They watched it closely. It was definitely not a black bear, not afraid, "damn tame," dark, silvertip on back (gray hackle), had a hump. He estimated 500 lb. When they prepared to leave the bear was still nearby.
1982 fall	Tom Fleet	Keremeos, B.C.	T41N,R20E?	Sighting		4	T.F. heard of a doubtful sighting where Ashnola R. crosses the border into Canada and Easy Going Cr. enters it.
1982 late fall	Elmer McGinnis	N c spelem	T33N, R 30E	Sighting	Hump, size	3	E.McG. was getting wood with his pickup on Armstrong Mt. He saw a bear at 50 yds., feeding on kinnikinnick. It didn't move off. It had a hump and was "tall as a yearling whiteface, 1000-1400 lbs. They can go bigger than that." He classified bears as big grizzlies, "silvertips," cinnamon and black.
1983 April	Rob Karro	Mazama	T40N,R18,19E	Tracks, spoor	Claws size	2	R.K., wilderness guard on the Winthrop Ranger District, saw sign on the lower E. Fk. of the Pasayten R. below Hidden L. He saw two kinds of tracks, both 4 $1/2$ in. wide. The first kind of track was made by a black bear; he saw the bear make it. The second kind of track had claw marks twice as long as the first. He did not see the bear. He also saw scat 4 in. in diameter, 2 qt. volume, mostly grass.

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1983 carly June	Roy Simons	Winthrop	T38N,R22E	Sighting, photo	Hump, head	4	R.S. and his wife came upon a bear on the Chewack R. road about 2-3 mi. S. of Thirtymile camp. It moved off into the roadside brush. It stood 7 ft. tall, "a lot bigger than a black or brown," dark chocolate, with a "stub nose." It "seemed to have quite a hump." It stood its ground unafraid. R.S. took a snapshot with a small camera. (The resulting 110 negative, blown up to a 5x7 in. print, shows a grainy, 5/8 in. image of the bears head. It does not appear to have a dished face.)
1983 July	Clayton Reece	Darrington	T31N,R12E,S2	Sighting	Size, color	4	Flying over the S. side of Lime Mt., C.R. and his son Jody got "a good look" form 4~500 ft. at a 1000 lb. bear. Its head was dark brown, the rest of it lighter.
1983 July	John Keener	Bothel .	T36N, R 22E, S21, 28	Sighting	Hump color	3	J.K. and his wife saw a bear along Boulder Cr. above Pebble Cr. It was 50 yds. off the road and darted uphill when he slowed. He saw a decided gray hump. The bear was approx. 30-36 in, at the shoulder. They had seen grizzlies before in Montana.
1983 Ацд. 12-13	Dick Surface	Carlton	T34N, R 18E S29,20	Sighting, spoor, track	Head, silver color	3	D.S., Dale Acker and their sons hiked up South Cr. above Twisp R. D.S. was returning, alone, from an effort to find Mosquito L., when he met a yearling bear at the edge of a burn. The bear had a "different" face than a black bear. When it turned he saw a stripe on its back and a silver color around its head and back. At 8 PM the light was wrong for a picture. The next morning they found huge tracks leading into the E. edge of South L. and a huge 5 x 5 in. spoor on a log below the lake. Both tracks and droppings had been rained on on Aug.11.
1983 Aug. 22	Robert Woolsey	Anacortes	T34N,R11E,S7	Sighting	Size	4	R.W., fishing guide, saw a bear 4 times in the preceding couple weeks, first at Whale L., and Aug. 22 at Upper Falls L. He watched it from 2-300 yds. with a 37x zoom scope. The bear is a young male, about 800 lbs. It tears trees. He has been to Alaska and seen grizzlies.
198 3 Ан д.	Jim Phillips	Snohomish	T31N,R17E	Sighting	Hump, size	2	J.P. has seen a grizzly at the head of the Entiat valley the last three years. He last saw it in Aug.
1983 Aug:	Bill Moe f. H. 'Doodles' Stewart	Republie Nespelem	T34N,R31E, S16,17	Sighting	Hump	3	B.M. told D.S. that he had seen a bear around his logging camp on Strawberry Mt. every day for three weeks in August. It had a hump and a white face. find been to Alaska and was sure it was a grizzly.

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Year	Observer	Address	Location	Observation	Details	Class	Description
1983 Sept. 3	Sally Portman Darryl Olsen f. Rob Shull Dennis Olsen	Early Winters Delta, B.C. Twisp Delta, B.C.	T35N,R17E, S23,26	Sighting	Hump, color	2	S.P. at the Early Winters USFS Visitor Information Station received reports from five parties who saw a large brown bear on Whistler Mt. When she showed them the <u>Audubon Field Guide to Mammals</u> , they picked the picture of a grizzly bear, although they said it did not have a pronounced hump. She alerted R.S., wildlife biologist, who went to investigate. R.S. found no bear, but encountered D.& D.O. They had seen the bear a couple hours earlier, feeding 1/4 ml. from the highway on the N. side of Slate Cr. Darryl O. reported the bear as reddish brown, with hump. Contacted by phone, Dennis O. said it was definitely not a black bear. It must have stood 3 1/2-4 ft. high at the shoulder, had a hump, and a golden color around the hump, neck. The Olsens are hunters and familiar with grizzlies.

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Location - location of the observation by township, range and section Location - location of the observation by township, range and section Class - see text d. - deceased f. - fide NHDS - Natural Heritage Data System, Washington Dept. of Game, Nongame Program NCNP - North Cascades National Park USFS - U.S. Forest Service

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