STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION ASSUMPTION ID CODE 07OA801

BASIN HAY DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 58D 36M LONGITUDE 118D 28M ELEVATION 370 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1986 Mar-04 47 94 Mar-18 47 85 Apr-02 34 86

1987 Mar-03 69 109 Mar-31 65 124

1988 Mar-01 30 61 Mar-29 31 64

1989 Feb-28 62 122 Mar-29 73 152

1990 Feb-23 58 108 Mar-29 42 104

1991 Feb-26 64 122 Mar-27 65 131

1992 Feb-26 61 126 Apr-02 17 66

1993 Feb-24 20 28 Mar-30 0 0

1994 Mar-01 51 91 Mar-29 22 64

1995 Feb-28 42 46 Mar-28 45 52

1996 Feb-26 72 159 Mar-26 82 194

1997 Feb-26 51 118 Mar-26 52 114

1998 Mar-03 36 66 Mar-31 25 60

1999 Feb-24 38 72 Mar-30 21 61

NO. YRS. 14 1 14

AVERAGE 50 94 47 85 41 91

MEDIAN 101 85 76

MAX.W.E. 1996 159 1986 85 1996 194

MIN.W.E. 1993 28 1986 85 1993 0

ST. DEV. 15 36 24 49

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BARRHEAD NORTH ID CODE 07BC802

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 16M LONGITUDE 114D 21M ELEVATION 670 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-15 26 41

1974 Mar-06 70 145 Mar-26 78 147

1975 Feb-25 27 46 Apr-07 31 58

1976 Mar-02 25 56 Mar-17 22 69

1977 Feb-28 29 71 Mar-17 25 69 Mar-29 21 63

1978 Mar-02 24 63 Mar-16 25 71 Apr-02 0 0

1979 Feb-27 43 76 Mar-14 28 53 Mar-28 25 58

1980 Feb-27 12 25 Mar-13 18 36 Mar-27 13 36

1981 Feb-25 27 56 Mar-17 24 57 Mar-31 9 22

1982 Feb-26 48 81 Mar-16 51 109 Mar-30 48 112

1983 Mar-01 11 18 Mar-15 16 33 Mar-28 18 46

1984 Feb-28 15 31 Mar-15 15 34 Mar-28 0 0

1985 Feb-27 31 86 Mar-14 25 80 Mar-29 6 19

1986 Feb-26 13 29 Mar-17 6 19 Apr-03 0 0

1987 Mar-02 7 6 Apr-01 3 8

1988 Feb-26 0 0 Mar-30 0 0

1989 Feb-28 20 40 Mar-30 21 66

1990 Feb-28 11 21 Mar-28 0 0

1991 Feb-26 18 49 Mar-28 10 32

1992 Mar-04 19 73 Apr-01 0 0

1993 Feb-25 21 43 Mar-29 0 0

1994 Feb-28 48 101 Mar-28 19 84

1995 Mar-01 29 66 Mar-29 7 24

1996 Feb-29 33 91 Mar-28 20 71

1997 Feb-25 46 109 Mar-26 43 122

1998 Feb-26 18 30 Apr-01 1 3

1999 Mar-03 47 113 Mar-29 38 99

CONTINUE WITH STATION: BARRHEAD NORTH

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 12 25

AVERAGE 27 59 23 56 16 43

MEDIAN 56 55 32

MAX.W.E. 1974 145 1982 109 1974 147

MIN.W.E. 1988 0 1986 19 1978 0

ST. DEV. 16 35 11 25 19 44

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BARRHEAD WEST ID CODE 07BB808

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 11M LONGITUDE 114D 48M ELEVATION 670 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-14 25 48

1974 Mar-07 57 99 Apr-04 56 145

1975 Feb-24 31 61 Apr-07 39 76

1976 Mar-02 23 56 Mar-17 20 66

1977 Feb-28 25 66 Mar-17 26 74 Mar-28 25 69

1978 Mar-02 19 48 Mar-16 12 36 Mar-29 0 0

1979 Feb-27 42 79 Mar-14 22 43 Mar-28 8 18

1980 Feb-27 13 33 Mar-13 19 36 Mar-27 12 38

1981 Feb-25 23 45 Mar-17 17 50 Mar-31 0 0

1982 Feb-26 41 74 Mar-16 46 84 Mar-30 44 99

1983 Mar-02 8 13 Mar-15 13 28 Mar-29 12 35

1984 Feb-28 17 33 Mar-15 24 46 Mar-27 0 0

1985 Feb-27 38 103 Mar-14 28 89 Mar-29 9 31

1986 Feb-27 13 23 Mar-17 8 23 Mar-30 0 0

1987 Mar-03 20 43 Mar-31 16 35

1988 Feb-26 5 13 Mar-30 0 0

1989 Feb-28 15 36 Mar-31 5 15

1990 Feb-28 8 17 Mar-28 0 0

1991 Feb-26 23 55 Mar-28 19 60

1992 Mar-04 24 82 Apr-02 0 0

1993 Feb-25 17 44 Mar-30 0 0

1994 Feb-28 46 102 Mar-15 28 99 Mar-28 18 89

1995 Feb-28 27 59 Mar-28 0 0

1996 Feb-29 34 93 Mar-28 17 63

1997 Feb-25 45 112 Mar-25 48 137

1998 Feb-26 19 36 Apr-01 0 0

1999 Mar-03 50 123 Mar-30 36 119

CONTINUE WITH STATION: BARRHEAD WEST

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 13 25

AVERAGE 26 60 22 56 15 41

MEDIAN 56 48 31

MAX.W.E. 1999 123 1994 99 1974 145

MIN.W.E. 1983 13 1986 23 1978 0

ST. DEV. 14 32 10 24 17 47

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BELLIS ID CODE 05EC801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 07M LONGITUDE 112D 05M ELEVATION 670 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-19 29 56

1974 Mar-05 60 122 Apr-06 59 152

1975 Jan-29 33 43 Feb-26 41 74 Apr-08 57 102

1976 Jan-23 31 43 Mar-02 38 66 Mar-16 39 79

1977 Mar-01 34 76 Mar-16 39 89 Mar-30 33 84

1978 Mar-02 44 86 Mar-15 45 99

1979 Feb-28 60 94 Mar-12 46 102 Mar-27 38 102

1980 Feb-26 31 46 Mar-12 37 56 Mar-26 48 69

1981 Feb-23 35 46 Mar-16 30 62 Mar-31 9 29

1982 Feb-01 40 58 Feb-25 38 64 Mar-15 51 112 Mar-29 47 112 Apr-15 40 121

1983 Feb-28 27 39 Mar-15 26 56 Mar-29 29 55

1984 Feb-28 33 59 Mar-14 39 77 Mar-29 17 46

1985 Feb-26 50 107 Mar-12 48 100 Mar-26 34 100

1986 Feb-26 40 85 Mar-20 39 92 Apr-02 23 74

1987 Mar-03 41 64 Mar-31 41 102

1988 Feb-24 22 44 Mar-30 11 24

1989 Mar-01 35 56 Mar-29 31 76

1990 Feb-28 47 103 Mar-28 41 121

1991 Feb-25 35 68 Mar-25 27 71

1992 Mar-02 39 93 Mar-31 11 38

1993 Feb-25 33 64 Mar-31 7 18

1994 Mar-02 59 120 Mar-30 39 122

1995 Feb-28 36 67 Mar-30 10 34

1996 Feb-27 35 76 Mar-27 29 78

1997 Feb-27 57 134 Mar-27 44 139

1998 Feb-25 23 51 Apr-01 2 5

1999 Mar-01 42 84 Mar-29 15 48

CONTINUE WITH STATION: BELLIS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 3 26 12 23 2

AVERAGE 35 48 40 76 39 82 28 74 49 112

MEDIAN 43 71 84 74 112

MAX.W.E. 1982 58 1997 134 1982 112 1974 152 1982 121

MIN.W.E. 1975 43 1983 39 1973 56 1998 5 1975 102

ST. DEV. 10 25 8 20 16 40

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BENTLEY ID CODE 05CC801

BASIN RED DEER DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 29M LONGITUDE 114D 04M ELEVATION 910 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-08 26 38

1974 Mar-28 74 150

1975 Feb-26 20 33 Apr-09 35 61

1976 Jan-26 26 46 Mar-04 36 38 Mar-15 46 79 Apr-01 34 81

1977 Feb-28 35 79 Mar-30 26 61

1978 Feb-28 30 48 Mar-13 29 56 Mar-28 6 15

1979 Feb-26 22 30 Mar-13 0 0 Mar-29 0 0

1980 Feb-26 29 56 Mar-10 38 71 Mar-28 26 66

1981 Feb-24 4 7 Mar-17 0 0 Mar-31 0 0

1982 Feb-01 23 41 Mar-01 31 66 Mar-17 27 66 Mar-31 24 69

1983 Mar-01 26 48 Mar-15 10 24 Mar-29 4 14

1984 Feb-28 17 40 Mar-15 19 34 Mar-27 0 0

1985 Feb-27 29 62 Mar-14 25 61 Mar-27 18 49

1986 Feb-26 6 11 Mar-20 0 0 Apr-04 0 0

1987 Mar-03 11 19 Mar-31 0 0

1988 Feb-25 0 0 Mar-28 9 15

1989 Mar-01 27 62 Mar-29 23 61

1990 Mar-01 18 48 Mar-29 2 10

1991 Feb-27 16 34 Mar-27 5 7

1992 Feb-28 18 56 Mar-30 0 0

1993 Feb-26 22 41 Apr-02 5 15

1994 Mar-01 30 66 Mar-29 1 3

1995 Feb-28 17 36 Mar-30 0 0

1996 Feb-28 33 73 Mar-27 22 68

1997 Feb-24 45 84 Mar-24 49 110

1998 Feb-27 9 15 Mar-30 0 0

1999 Mar-02 41 86 Mar-31 19 76

CONTINUE WITH STATION: BENTLEY

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 2 26 10 25 1

AVERAGE 25 44 23 45 19 39 14 35 35 61

MEDIAN 44 45 45 15 61

MAX.W.E. 1976 46 1999 86 1976 79 1974 150 1975 61

MIN.W.E. 1982 41 1988 0 1979 0 1979 0 1975 61

ST. DEV. 11 23 17 32 18 41

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BEZANSON ID CODE 07GE802

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 55D 14M LONGITUDE 118D 31M ELEVATION 690 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-15 44 107

1974 Mar-08 56 142 Mar-26 73 193

1975 Jan-24 26 74 Feb-26 28 74

1976 Mar-03 28 79 Mar-17 27 104

1977 Mar-03 19 63 Mar-17 9 36 Mar-28 11 43

1978 Mar-02 16 41 Mar-13 8 20 Mar-27 0 0

1979 Feb-26 55 102 Mar-13 35 91 Mar-26 20 64

1980 Feb-29 18 46 Mar-14 29 66 Mar-31 14 60

1981 Feb-27 22 74 Mar-18 4 18 Mar-30 0 0

1982 Mar-01 63 145 Mar-15 62 144 Mar-31 63 140 Apr-13 51 135

1983 Feb-28 33 55 Mar-14 28 64 Mar-29 31 75

1984 Feb-28 0 0 Mar-12 8 10 Mar-26 0 0

1985 Feb-28 0 0 Mar-14 0 0 Mar-28 0 0

1986 Mar-03 0 0 Mar-14 6 13 Mar-31 0 0

1987 Mar-02 15 18 Mar-30 11 36

1988 Mar-03 18 37 Mar-30 0 0

1989 Mar-01 17 37 Mar-30 16 39

1990 Feb-28 17 43 Mar-29 0 0

1991 Feb-25 29 93 Mar-26 20 60

1992 Feb-27 15 57 Apr-03 0 0

1993 Mar-02 16 50 Mar-30 0 0

1994 Mar-02 51 145 Mar-28 23 102

1995 Mar-01 35 77 Mar-29 30 90

1996 Feb-28 40 117 Mar-28 26 84

1997 Feb-28 53 141 Mar-25 43 133

1998 Mar-05 33 62 Apr-02 0 0

1999 Feb-26 44 114 Apr-01 23 71

CONTINUE WITH STATION: BEZANSON

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 25 13 24 1

AVERAGE 26 74 27 67 24 63 17 50 51 135

MEDIAN 74 62 64 41 135

MAX.W.E. 1975 74 1994 145 1982 144 1974 193 1982 135

MIN.W.E. 1975 74 1984 0 1985 0 1978 0 1982 135

ST. DEV. 17 43 21 51 20 54

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BIGSTONE ID CODE 05FA803

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 02M LONGITUDE 113D 51M ELEVATION 850 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1987 Mar-04 20 46 Apr-01 19 62

1988 Feb-26 13 32 Mar-28 22 29

1989 Mar-02 34 72 Mar-30 27 74

1990 Mar-01 30 71 Mar-29 16 56

1991 Feb-28 44 93 Mar-27 36 106

1992 Feb-28 31 80 Apr-03 0 0

1993 Feb-24 27 55 Apr-02 13 45

1994 Feb-25 50 102 Mar-29 15 55

1995 Mar-01 22 46 Mar-31 0 0

1996 Feb-29 42 98 Mar-26 24 74

1997 Feb-25 44 119 Mar-27 41 127

1998 Feb-24 15 25 Mar-30 1 3

1999 Mar-03 60 131 Mar-31 41 135

NO. YRS. 13 13

AVERAGE 33 75 20 59

MEDIAN 72 56

MAX.W.E. 1999 131 1999 135

MIN.W.E. 1998 25 1992 0

ST. DEV. 14 33 14 45

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BONNYVILLE ID CODE 06AC801

BASIN CHURCHILL DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 30M LONGITUDE 110D 40M ELEVATION 540 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 36 63

1974 Jan-29 35 41 Mar-06 60 119 Apr-05 60 155

1975 Apr-07 46 84

1976 Mar-02 27 48 Mar-17 26 58

1977 Feb-28 21 41 Mar-15 22 43 Mar-29 17 41

1978 Feb-28 40 71 Mar-13 37 71 Mar-27 22 46

1979 Feb-28 56 74 Mar-12 46 84 Mar-27 35 69

1980 Feb-27 24 36 Mar-13 22 25 Mar-27 39 61

1981 Feb-24 25 36 Mar-17 11 25 Apr-03 0 0

1982 Feb-26 44 76 Mar-16 55 102 Mar-30 48 89

1983 Feb-28 26 35 Mar-16 23 49 Mar-30 21 53

1984 Feb-28 30 53 Mar-15 34 62 Mar-29 9 22

1985 Feb-26 43 66 Mar-13 40 82 Mar-27 22 55

1986 Feb-26 35 69 Mar-19 35 80 Apr-04 6 20

1987 Mar-03 41 62 Mar-31 38 72

1988 Feb-24 27 53 Mar-30 20 40

1989 Mar-01 35 52 Mar-29 37 63

1990 Feb-28 44 84 Mar-29 39 84

1991 Feb-26 39 59 Mar-25 26 73

1992 Feb-26 38 83 Mar-30 2 5

1993 Feb-25 35 64 Mar-30 0 0

1994 Mar-02 65 128 Mar-30 45 115

1995 Feb-28 47 76 Mar-29 31 86

1996 Feb-26 53 88 Mar-28 44 97

1997 Feb-27 64 119 Mar-26 47 106

1998 Feb-25 28 53 Apr-01 10 23

1999 Mar-02 44 89 Mar-30 27 79

CONTINUE WITH STATION: BONNYVILLE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 25 12 25

AVERAGE 35 41 40 69 32 62 28 62

MEDIAN 41 66 63 63

MAX.W.E. 1974 41 1994 128 1982 102 1974 155

MIN.W.E. 1974 41 1983 35 1980 25 1981 0

ST. DEV. 13 25 12 24 17 38

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BRAZEAU RES. ID CODE 05DD801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 57M LONGITUDE 115D 41M ELEVATION 970 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1977 Feb-28 30 74 Mar-15 27 74 Mar-28 24 36

1978 Feb-27 33 63 Mar-16 30 74 Mar-27 23 58

1979 Feb-27 41 71 Mar-12 17 46 Mar-26 0 0

1980 Feb-26 42 89 Mar-12 54 102 Mar-26 45 117

1981 Feb-24 27 58 Mar-16 14 41 Apr-01 2 8

1982 Feb-25 50 94 Mar-15 60 127 Mar-29 52 126

1983 Feb-28 31 51 Mar-14 28 62 Mar-28 24 61

1984 Feb-27 35 79 Mar-14 44 91 Mar-28 25 58

1985 Feb-25 43 93 Mar-13 34 89 Mar-25 22 69

1986 Feb-25 23 54 Mar-19 5 19 Apr-02 1 1

1987 Feb-24 27 42 Mar-24 22 53

1988 Feb-25 10 28 Mar-31 10 27

1989 Feb-27 48 85 Mar-31 33 73

1990 Mar-02 32 79 Mar-30 13 40

1991 Feb-28 40 103 Mar-28 24 86

1992 Feb-28 27 77 Apr-03 0 0

1993 Feb-26 31 78 Apr-02 13 42

1994 Feb-25 60 142 Mar-31 24 94

1995 Mar-01 23 48 Mar-31 0 0

1996 Feb-26 51 123 Mar-29 43 106

1997 Feb-27 45 105 Mar-26 45 121

1998 Feb-26 15 29 Mar-30 2 3

1999 Mar-03 46 99 Mar-31 21 58

CONTINUE WITH STATION: BRAZEAU RES.

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 23 10 23

AVERAGE 35 77 31 73 20 54

MEDIAN 78 74 58

MAX.W.E. 1994 142 1982 127 1982 126

MIN.W.E. 1988 28 1986 19 1979 0

ST. DEV. 12 28 17 32 16 41

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BROWN CREEK ID CODE 16W02X

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 46M LONGITUDE 116D 26M ELEVATION 1340 METRES

REMARKS CONT. 16W02 1986

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1977 Mar-01 18 36 Mar-28 50 79

1978 Feb-28 22 38 Mar-13 24 41 Mar-28 16 41

1979 Feb-26 34 56 Mar-12 19 38 Mar-29 21 43

1980 Feb-26 60 132 Mar-11 67 137 Mar-28 61 147

1981 Feb-24 18 51 Mar-18 10 31 Mar-31 6 18

1982 Mar-02 46 71 Mar-17 50 79 Mar-29 44 87

1983 Mar-02 33 43 Mar-14 24 51 Mar-29 28 54

1984 Feb-27 41 86 Mar-14 48 97 Mar-28 37 88

1985 Feb-25 43 78 Mar-13 33 70 Mar-26 24 59

NO. YRS. 9 8 9

AVERAGE 35 66 34 68 32 68

MEDIAN 56 61 59

MAX.W.E. 1980 132 1980 137 1980 147

MIN.W.E. 1977 36 1981 31 1981 18

ST. DEV.

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BRUCE ID CODE 05EE802

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 17M LONGITUDE 112D 04M ELEVATION 670 METRES

REMARKS SNOW COURSE SITE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1975 Mar-13 39 79 Apr-03 47 91 Apr-08 51 11

1976 Jan-28 19 25 Mar-01 30 43 Mar-15 29 61

1977 Feb-02 30 58 Feb-28 28 58 Mar-14 27 61 Mar-28 24 61

1978 Mar-01 42 74 Mar-14 42 94 Mar-28 29 91

1979 Jan-31 25 38 Mar-02 42 61 Mar-13 38 81 Mar-26 33 81

1980 Feb-28 28 43 Mar-13 31 53 Mar-28 40 76

1981 Feb-25 28 48 Mar-18 20 43 Mar-30 3 10

1982 Feb-01 36 38 Feb-26 38 69 Mar-17 49 97 Mar-31 40 94 Apr-13 35 96

1983 Mar-02 28 30 Mar-14 21 46 Mar-28 24 44

1984 Feb-03 26 51 Mar-01 34 57 Mar-16 36 66 Mar-27 18 48

1985 Feb-05 28 52 Feb-28 31 66 Mar-14 29 65 Mar-26 20 64

1986 Feb-01 35 56 Feb-27 33 75 Mar-17 31 88 Apr-01 16 47

1987 Feb-27 26 33 Apr-01 27 68

1988 Feb-05 12 21 Feb-26 13 34 Mar-15 0 0 Mar-28 18 28

1989 Feb-06 23 45 Feb-27 26 45 Mar-30 22 63

1990 Jan-31 23 51 Mar-02 29 61 Mar-30 10 27

1991 Jan-31 26 38 Mar-01 29 58 Mar-27 11 34

1992 Jan-27 37 72 Mar-03 34 81 Mar-30 2 5

1993 Feb-03 27 50 Feb-24 32 53 Mar-29 21 49

1994 Jan-01 19 15 Feb-04 37 75 Mar-01 49 93 Mar-29 31 86

1995 Feb-01 31 57 Feb-27 35 62 Mar-31 6 23

1996 Feb-26 42 88 Mar-29 21 62

1997 Feb-03 53 110 Feb-26 57 123 Mar-26 41 116

1998 Feb-04 21 38 Feb-25 20 36 Apr-01 2 6

1999 Feb-01 39 71 Mar-03 39 71 Mar-31 20 58

CONTINUE WITH STATION: BRUCE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 18 24 13 24 2

AVERAGE 19 15 29 53 33 61 30 64 22 56 43 54

MEDIAN 15 51 60 65 60 54

MAX.W.E. 1994 15 1997 110 1997 123 1982 97 1997 116 1982 96

MIN.W.E. 1994 15 1988 21 1983 30 1988 0 1992 5 1975 11

ST. DEV. 9 21 9 22 12 26 13 30

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BRUCE PILLOW ID CODE 12V02S

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 17M LONGITUDE 112D 04M ELEVATION 670 METRES

REMARKS SNOW PILLOW SITE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1978

1979 Jan-01 33 Feb-01 43 Mar-01 76 Mar-15 95 Apr-01 87 Apr-15 92

1980 Jan-01 15 Feb-01 30 Mar-01 48 Mar-15 55 Apr-01 72 Apr-15 5

1981 Feb-01 60 Mar-01 68 Mar-15 66 Apr-01 0 Apr-15 0

1982 Jan-01 7 Feb-01 42 Mar-01 51 Mar-15 66 Apr-01 73 Apr-15 77

1983 Jan-01 17 Feb-01 25 Mar-01 47 Mar-15 60 Apr-01 61 Apr-15 5

1984 Jan-01 30 Feb-01 50 Mar-01 67 Mar-15 71 Apr-01 15 Apr-15 0

1985 Feb-01 51 Mar-01 68 Mar-15 68 Apr-01 25 Apr-15 0

1986 Jan-01 51 Feb-01 68 Mar-01 82 Mar-15 92 Apr-01 69 Apr-15 0

1987 Jan-01 12 Feb-01 23 Mar-01 35 Mar-15 57 Apr-01 66 Apr-15 0

1988 Jan-01 1 Feb-01 9 Mar-01 23 Mar-15 1 Apr-01 21 Apr-15 0

1989 Jan-01 15 Feb-01 42 Mar-01 55 Mar-15 52 Apr-01 56 Apr-15 0

1990 Jan-01 28 Feb-01 43 Mar-01 69 Apr-01 15 Apr-15 5

1991 Jan-01 30 Feb-01 38 Mar-01 61 Mar-15 67 Apr-01 1 Apr-15 0

1992 Jan-01 40 Feb-01 64 Mar-01 79 Mar-15 82 Apr-01 7 Apr-15 2

1993 Jan-01 41 Feb-01 55 Mar-01 64 Mar-15 77 Apr-01 67 Apr-15 0

NO. YRS. 13 15 15 14 15 15

AVERAGE 25 43 60 65 42 12

MEDIAN 28 43 64 67 56 0

MAX.W.E. 1986 51 1986 68 1986 82 1979 95 1979 87 1979 92

MIN.W.E. 1988 1 1988 9 1988 23 1988 1 1981 0 1981 0

ST. DEV. 15 16 16 22 31 29

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION BRUCE PILLOW ID CODE 12V02S

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 17M LONGITUDE 112D 04M ELEVATION 670 METRES

REMARKS SNOW PILLOW SITE

YEAR DEC 1

DATE DEPTH W.E.

CM MM

1978 Dec-01 16

1979 Dec-01 0

1980 Dec-01 0

1981 Dec-01 1

1982 Dec-01 6

1983 Dec-01 8

1984 Dec-01 15

1985 Dec-01 14

1986 Dec-01 3

1987 Dec-01 0

1988 Dec-01 5

1989 Dec-01 0

1990 Dec-01 7

1991 Dec-01 21

1992 Dec-01 12

1993

NO. YRS. 15

AVERAGE 7

MEDIAN 6

MAX.W.E. 1991 21

MIN.W.E. 1979 0

ST. DEV. 7

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION CLANDONALD ID CODE 05ED801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 34M LONGITUDE 110D 52M ELEVATION 640 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 31 69

1974 Mar-06 53 122 Apr-05 61 168

1975 Jan-23 13 41 Feb-27 24 48 Apr-07 35 84

1976 Jan-23 9 18 Mar-01 7 13 Mar-17 7 20

1977 Mar-01 19 43 Mar-16 21 46 Mar-30 16 41

1978 Mar-01 36 71 Mar-14 31 74 Mar-28 10 25

1979 Mar-01 44 74 Mar-13 30 58 Mar-28 18 43

1980 Feb-27 27 41 Mar-13 29 51 Mar-27 38 58

1981 Feb-24 22 46 Mar-17 19 41 Apr-02 0 0

1982 Feb-26 33 53 Mar-16 43 81 Mar-30 33 81

1983 Mar-01 26 41 Mar-16 22 43 Mar-30 19 38

1984 Feb-29 33 70 Mar-15 31 63 Mar-29 9 21

1985 Feb-27 37 81 Mar-13 32 79 Mar-27 8 22

1986 Feb-27 30 68 Mar-19 28 80 Apr-04 4 13

1987 Mar-04 37 62 Apr-01 29 71

1988 Feb-25 12 24 Mar-29 18 34

1989 Feb-28 27 47 Mar-31 16 45

1990 Mar-01 32 71 Mar-29 20 63

1991 Feb-26 20 44 Mar-26 11 29

1992 Mar-02 25 67 Apr-01 0 0

1993 Feb-24 30 50 Mar-30 3 5

1994 Mar-01 45 96 Mar-29 25 79

1995 Feb-27 38 74 Mar-31 17 56

1996 Feb-26 30 50 Mar-28 15 35

1997 Feb-26 46 110 Mar-25 30 84

1998 Feb-25 22 43 Mar-31 0 0

1999 Mar-02 35 79 Mar-30 15 41

CONTINUE WITH STATION: CLANDONALD

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 2 26 12 25

AVERAGE 11 30 30 61 27 59 18 45

MEDIAN 30 58 61 41

MAX.W.E. 1975 41 1974 122 1982 81 1974 168

MIN.W.E. 1976 18 1976 13 1976 20 1981 0

ST. DEV. 10 25 9 19 14 37

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION CLIVE ID CODE 05CD803

BASIN RED DEER DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 35M LONGITUDE 113D 25M ELEVATION 860 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1987 Mar-02 24 39 Mar-30 28 71

1988 Feb-24 11 23 Mar-28 34 59

1989 Feb-27 38 83 Mar-28 29 83

1990 Feb-27 27 60 Mar-27 10 33

1991 Feb-26 39 101 Mar-25 41 103

1992 Feb-26 39 93 Apr-03 0 0

1993 Feb-24 31 55 Apr-01 8 22

1994 Feb-25 49 99 Mar-15 18 58 Mar-28 5 17

1995 Feb-28 21 40 Mar-30 2 5

1996 Feb-28 50 107 Mar-27 38 104

1997 Feb-26 44 104 Mar-24 42 106

1998 Feb-26 8 13 Mar-30 0 0

1999 Mar-03 56 115 Mar-29 32 109

NO. YRS. 13 1 13

AVERAGE 34 72 18 58 21 55

MEDIAN 83 58 59

MAX.W.E. 1999 115 1994 58 1999 109

MIN.W.E. 1998 13 1994 58 1992 0

ST. DEV. 15 35 17 44

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION CORONATION #2 ID CODE 05FD801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 13M LONGITUDE 111D 15M ELEVATION 760 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-14 16 25

1974 Mar-07 40 99 Mar-28 68 165

1975 Feb-25 22 51 Apr-10 33 79

1976 Mar-02 17 30 Mar-16 16 25

1977 Mar-01 14 25 Mar-28 0 0

1978 Mar-01 23 56 Mar-14 13 33 Mar-29 0 0

1979 Feb-27 19 28 Mar-13 0 0 Mar-30 0 0

1980 Feb-27 10 24 Mar-12 11 102 Mar-27 0 0

1981 Feb-26 4 13 Mar-16 0 0 Mar-30 0 0

1982 Mar-02 21 45 Mar-18 19 43 Apr-01 9 33

1983 Feb-28 19 36 Mar-14 0 0 Mar-28 0 0

1984 Feb-27 20 47 Mar-14 25 61 Mar-26 12 41

1985 Feb-26 27 79 Mar-12 24 68 Mar-26 17 53

1986 Feb-25 13 34 Mar-18 0 0 Apr-02 0 0

1987 Mar-02 23 52 Mar-30 15 40

1988 Feb-24 6 19 Mar-29 9 26

1989 Feb-27 16 35 Mar-28 15 43

1990 Feb-27 20 47 Mar-27 18 56

1991 Feb-26 5 7 Mar-25 2 4

1992 Feb-26 21 63 Apr-01 0 0

1993 Feb-25 29 56 Mar-30 13 35

1994 Feb-28 37 76 Mar-14 24 78 Mar-28 5 21

1995 Feb-27 5 9 Mar-28 3 9

1996 Feb-26 20 48 Mar-29 9 23

1997 Feb-25 24 30 Mar-25 12 36

1998 Feb-26 14 25 Mar-31 0 0

1999 Mar-01 25 57 Mar-29 0 0

CONTINUE WITH STATION: CORONATION #2

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 12 25

AVERAGE 19 42 12 36 10 27

MEDIAN 41 29 21

MAX.W.E. 1974 99 1980 102 1974 165

MIN.W.E. 1991 7 1979 0 1977 0

ST. DEV. 9 22 10 35 15 37

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION CRIMSON LAKE ID CODE 05DC802

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 25M LONGITUDE 115D 02M ELEVATION 970 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-06 38 86 Mar-21 32 89

1974 Mar-30 57 122

1975 Feb-27 32 48 Apr-09 44 74

1976 Mar-03 47 61 Mar-16 63 114 Apr-04 42 102

1977 Mar-01 33 69 Mar-28 29 71

1978 Feb-28 39 76 Mar-13 37 97 Mar-28 16 41

1979 Feb-26 33 43 Mar-12 0 0 Mar-29 0 0

1980 Feb-26 50 99 Mar-11 57 102 Mar-28 40 117

1981 Feb-24 4 8 Mar-18 0 0 Mar-31 0 0

1982 Feb-26 33 86 Mar-17 50 104 Mar-31 42 101

1983 Mar-02 35 61 Mar-14 25 53 Mar-29 25 64

1984 Feb-27 26 68 Mar-14 38 89 Mar-28 22 77

1985 Feb-27 33 66 Mar-13 28 68 Mar-25 17 52

1986 Feb-26 20 56 Mar-20 11 35 Apr-04 0 0

1987 Feb-26 13 27 Mar-26 0 0

1988 Feb-25 8 15 Mar-30 16 41

1989 Feb-28 48 87 Mar-31 38 104

1990 Mar-02 25 64 Mar-29 18 61

1991 Feb-28 39 95 Mar-27 24 78

1992 Feb-27 19 57 Apr-03 0 0

1993 Feb-25 33 72 Apr-02 15 40

1994 Mar-01 38 91 Mar-31 8 31

1995 Mar-01 23 46 Mar-31 0 0

1996 Mar-01 36 89 Mar-29 32 88

1997 Feb-27 42 115 Mar-25 34 113

1998 Feb-25 10 22 Mar-31 2 6

1999 Mar-02 33 66 Mar-31 5 10

CONTINUE WITH STATION: CRIMSON LAKE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 11 25 1

AVERAGE 30 64 31 68 19 53 44 74

MEDIAN 66 89 52 74

MAX.W.E. 1997 115 1976 114 1974 122 1975 74

MIN.W.E. 1981 8 1979 0 1979 0 1975 74

ST. DEV. 12 27 21 41 17 43

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION DICKSON ID CODE 05CC802

BASIN RED DEER DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 05M LONGITUDE 114D 10M ELEVATION 910 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-07 36 53

1974 Mar-29 61 109

1975 Feb-26 29 44 Apr-10 38 71

1976 Jan-26 44 84 Mar-04 46 97 Mar-16 60 124 Mar-29 45 97

1977 Feb-28 29 61 Mar-29 26 63

1978 Mar-01 38 71 Mar-13 37 79 Mar-28 20 61

1979 Feb-26 32 46 Mar-12 10 20 Mar-28 0 0

1980 Feb-26 48 84 Mar-11 54 102 Mar-28 41 112

1981 Feb-25 21 52 Mar-17 0 0 Apr-01 0 0

1982 Feb-26 28 56 Mar-16 33 71 Mar-31 21 56

1983 Feb-28 22 38 Mar-15 8 18 Mar-28 5 16

1984 Feb-28 15 34 Mar-14 20 37 Mar-27 0 0

1985 Feb-27 18 50 Mar-13 16 45 Mar-27 10 22

1986 Feb-25 8 28 Mar-18 0 0 Apr-09 0 0

1987 Mar-03 0 0 Mar-31 0 0

1988 Feb-25 0 0 Mar-30 9 23

1989 Feb-28 26 69 Mar-29 23 63

1990 Feb-28 18 46 Mar-29 9 29

1991 Feb-27 9 21 Mar-26 4 8

1992 Feb-27 14 25 Mar-30 0 0

1993 Feb-26 22 38 Apr-01 3 11

1994 Feb-28 26 57 Mar-29 0 0

1995 Feb-28 6 13 Mar-30 0 0

1996 Feb-27 31 64 Mar-28 11 25

1997 Feb-24 44 107 Mar-24 46 110

1998 Feb-24 8 23 Apr-01 0 0

1999 Mar-02 22 53 Mar-30 0 0

CONTINUE WITH STATION: DICKSON

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 10 25 1

AVERAGE 44 84 23 47 24 50 13 32 38 71

MEDIAN 84 48 41 16 71

MAX.W.E. 1976 84 1997 107 1976 124 1980 112 1975 71

MIN.W.E. 1976 84 1987 0 1981 0 1979 0 1975 71

ST. DEV. 13 26 21 43 18 40

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION EDSON #2 ID CODE 07AG802

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 35M LONGITUDE 116D 14M ELEVATION 910 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-21 37 81

1974 Mar-08 41 86 Apr-04 43 122

1975 Feb-24 30 58 Apr-07 34 74

1976 Mar-02 44 81 Mar-16 54 109

1977 Mar-01 23 61 Mar-16 16 46 Mar-29 15 38

1978 Feb-28 31 79 Mar-14 29 69 Mar-28 0 0

1979 Feb-27 35 71 Mar-13 7 25 Mar-26 0 0

1980 Feb-26 44 86 Mar-12 56 104 Mar-26 45 130

1981 Feb-24 34 79 Mar-16 14 53 Apr-02 1 5

1982 Mar-01 70 155 Mar-17 70 165 Mar-30 63 168

1983 Feb-28 23 36 Mar-15 23 54 Mar-28 20 53

1984 Feb-29 25 65 Mar-15 38 86 Mar-29 12 36

1985 Feb-28 53 135 Mar-14 50 127 Mar-28 42 115

1986 Feb-24 29 46 Mar-19 15 54 Apr-02 9 32

1987 Feb-24 40 67 Mar-24 37 78

1988 Feb-22 26 57 Mar-28 17 39

1989 Mar-02 39 79 Mar-28 45 103

1990 Feb-26 30 73 Mar-26 12 36

1991 Feb-25 39 89 Mar-25 44 127

1992 Feb-25 45 103 Mar-31 2 7

1993 Feb-23 33 86 Mar-30 16 41

1994 Feb-22 55 123 Mar-28 29 104

1995 Feb-27 30 54 Mar-29 8 24

1996 Feb-26 46 103 Mar-27 25 75

1997 Feb-25 44 103 Mar-24 61 128

1998 Feb-26 18 32 Mar-30 7 17

1999 Mar-01 70 147 Mar-29 54 157

CONTINUE WITH STATION: EDSON #2

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 25 13 25

AVERAGE 38 83 35 81 26 68

MEDIAN 79 81 53

MAX.W.E. 1982 155 1982 165 1982 168

MIN.W.E. 1998 32 1979 25 1978 0

ST. DEV. 13 32 19 38 20 52

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION ELK ISLAND PARK ID CODE 05EB802

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 35M LONGITUDE 112D 50M ELEVATION 700 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-13 35 71

1974 Mar-07 70 152 Apr-06 70 180

1975 Feb-27 35 74

1976 Mar-01 31 74 Mar-15 26 81

1977 Feb-28 27 61 Mar-14 28 63 Mar-28 26 81

1978 Mar-02 44 84 Mar-15 43 94

1979 Mar-02 48 79 Mar-14 31 97 Mar-26 16 61

1980 Feb-26 30 46 Mar-12 35 58 Mar-26 59 104

1981 Feb-26 25 46 Mar-17 9 27 Mar-30 0 0

1982 Feb-26 42 84 Mar-16 57 114 Mar-30 48 114

1983 Mar-02 23 28 Mar-16 18 32 Mar-30 19 48

1984 Feb-29 34 54 Mar-15 33 63 Mar-27 17 44

1985 Feb-27 43 119 Mar-13 42 114 Mar-29 28 84

1986 Feb-28 32 71 Mar-21 27 99 Apr-04 10 34

1987 Feb-27 33 46 Mar-30 36 92

1988 Feb-26 16 32 Mar-28 27 36

1989 Feb-27 38 72 Mar-30 34 84

1990 Mar-02 27 69 Mar-30 10 31

1991 Feb-26 31 63 Mar-26 28 74

1992 Mar-03 32 98 Mar-30 5 17

1993 Feb-24 32 60 Mar-29 14 28

1994 Feb-28 57 105 Mar-28 32 101

1995 Feb-28 35 69 Mar-28 14 40

1996 Feb-26 46 95 Mar-29 35 87

1997 Feb-25 56 128 Mar-24 55 134

1998 Feb-24 24 51 Apr-01 3 8

1999 Mar-03 48 99 Mar-31 26 76

CONTINUE WITH STATION: ELK ISLAND PARK

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 12 23

AVERAGE 37 75 32 76 27 68

MEDIAN 72 76 74

MAX.W.E. 1974 152 1985 114 1974 180

MIN.W.E. 1983 28 1981 27 1981 0

ST. DEV. 12 29 12 29 18 43

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION EMBARRAS PORT ID CODE 07DD801

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 58D 23M LONGITUDE 111D 32M ELEVATION 210 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-14 42 81

1974 Jan-30 51 76 Mar-13 65 94 Apr-11 45 119

1975 Feb-24 36 56 Mar-26 38 48

1976 Jan-29 50 56 Mar-02 54 79 Mar-17 51 51

1977 Mar-01 39 61 Mar-15 36 79 Mar-31 36 63

1978 Feb-28 35 41 Mar-13 43 48 Mar-30 47 38

1979 Jan-30 39 64 Feb-27 53 84 Mar-20 58 112

1980 Feb-29 40 41 Mar-17 41 56 Apr-02 26 38

1981 Feb-03 36 53 Feb-24 49 76 Mar-16 40 86 Apr-01 42 84

1982 Feb-03 40 52 Mar-03 50 81 Mar-15 50 86 Mar-31 57 99 Apr-19 42 91

1983 Mar-01 55 102 Mar-15 48 97 Mar-29 48 86 Apr-12 45 132

1984 Jan-31 36 48 Feb-29 36 65 Mar-15 36 62 Mar-28 22 43

1985 Feb-04 40 46 Feb-26 45 69 Mar-12 36 64 Mar-28 33 76

1986 Jan-30 51 71 Feb-26 52 89 Mar-18 43 81 Apr-04 32 81

1987 Feb-04 46 74 Mar-02 48 76 Mar-16 56 122 Apr-03 54 114

1988 Feb-08 43 66 Feb-23 48 76 Mar-15 40 64 Mar-31 52 84

1989 Feb-09 56 137 Mar-02 59 155 Mar-30 69 145 Apr-12 50 122

1990 Feb-28 65 116 Mar-30 45 137

1991 Jan-29 68 107 Feb-28 78 164 Mar-26 76 180

1992 Feb-05 44 77 Feb-25 60 97

1993 Jan-29 24 33 Feb-26 18 23 Mar-31 0 0

1994 Feb-23 53 84 Mar-30 24 61

1995 Feb-27 57 80 Apr-04 50 86

1996 Feb-27 52 94 Apr-01 69 132

1997 Mar-04 44 66 Mar-27 47 79

1998 Feb-26 43 81 Mar-30 29 81

1999 Feb-23 34 66

CONTINUE WITH STATION: EMBARRAS PORT

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 14 25 15 21 4

AVERAGE 45 69 48 81 46 79 43 84 46 116

MEDIAN 65 79 81 81 121

MAX.W.E. 1989 137 1991 164 1987 122 1991 180 1983 132

MIN.W.E. 1993 33 1993 23 1978 48 1993 0 1982 91

ST. DEV. 11 27 12 31 9 22 18 42

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION EUREKA RIVER ID CODE 07FD801

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 56D 31M LONGITUDE 118D 45M ELEVATION 700 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 73 122

1974 Mar-06 78 127 Mar-27 72 155

1975 Feb-27 32 53

1976 Mar-02 46 81 Mar-16 44 91

1977 Mar-01 44 91 Mar-15 42 99 Mar-31 43 104

1978 Feb-28 30 58 Mar-14 31 61

1979 Feb-28 61 89 Mar-14 49 99 Mar-27 39 94

1980 Feb-28 16 51 Mar-13 25 65 Apr-01 0 0

1981 Feb-26 48 105 Mar-17 41 114 Mar-31 35 77

1982 Mar-02 33 56 Mar-16 37 62 Mar-31 26 52 Apr-15 30 66

1983 Mar-02 46 60 Mar-15 39 48 Mar-30 49 34

1984 Feb-28 36 60 Mar-12 38 66 Mar-27 17 48

1985 Feb-28 45 70 Mar-15 42 88 Mar-29 39 89

1986 Mar-03 36 65 Mar-17 36 84 Apr-01 20 50

1987 Mar-02 37 56 Apr-01 29 67

1988 Feb-29 31 47 Mar-28 28 60

1989 Feb-27 55 112 Mar-28 69 132

1990 Feb-22 56 109 Mar-30 37 90

1991 Feb-25 55 95 Mar-26 43 128

1992 Feb-25 63 138 Apr-01 27 100

1993 Mar-01 18 43 Mar-29 0 0

1994 Feb-28 67 102 Mar-28 39 107

1995 Feb-27 39 41 Mar-27 38 70

1996 Feb-27 63 137 Mar-27 54 144

1997 Feb-25 68 136 Mar-25 68 155

1998 Mar-02 33 61 Mar-30 19 39

1999 Feb-23 37 71 Mar-29 12 34

CONTINUE WITH STATION: EUREKA RIVER

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 12 23 1

AVERAGE 45 81 41 83 35 80 30 66

MEDIAN 71 86 77 66

MAX.W.E. 1992 138 1973 122 1997 155 1982 66

MIN.W.E. 1995 41 1983 48 1980 0 1982 66

ST. DEV. 16 31 12 23 20 45

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION FAIRVIEW ID CODE 07FD802

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 56D 02M LONGITUDE 118D 24M ELEVATION 630 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-21 47 117

1974 Mar-07 54 130 Mar-17 58 112 Mar-27 58 112

1975 Feb-27 24 51

1976 Mar-02 35 84 Mar-16 38 112

1977 Mar-01 34 71 Mar-15 33 74 Mar-31 23 69

1978 Feb-28 21 51 Mar-14 18 43

1979 Feb-28 49 97 Mar-14 40 112 Mar-27 30 91

1980 Feb-28 5 22 Mar-13 5 16 Apr-01 0 0

1981 Feb-26 40 112 Mar-17 32 103 Mar-31 22 61

1982 Jan-26 37 94 Mar-02 34 86 Mar-16 41 105 Mar-31 43 102 Apr-15 26 71

1983 Mar-02 25 36 Mar-15 19 42 Mar-30 25 43

1984 Feb-28 17 34 Mar-12 21 41 Mar-27 0 0

1985 Feb-28 34 69 Mar-15 31 61 Mar-29 25 71

1986 Mar-03 22 58 Mar-17 23 56 Apr-01 10 29

1987 Mar-02 22 55 Apr-01 16 55

1988 Feb-29 15 28 Mar-28 0 0

1989 Feb-27 24 57 Mar-28 33 52

1990 Feb-22 22 65 Mar-30 3 17

1991 Feb-25 42 80 Mar-26 38 107

1992 Feb-25 45 123 Apr-01 3 20

1993 Mar-01 13 36 Mar-29 0 0

1994 Feb-28 48 109 Mar-16 34 102 Mar-28 36 124

1995 Feb-27 32 50 Mar-27 30 66

1996 Feb-27 48 136 Mar-27 35 121

1997 Feb-25 46 109 Mar-25 45 135

1998 Mar-02 31 56 Mar-30 0 0

1999 Feb-23 34 60 Mar-29 14 47

CONTINUE WITH STATION: FAIRVIEW

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 14 23 1

AVERAGE 37 94 31 72 31 78 21 57 26 71

MEDIAN 94 63 88 55 71

MAX.W.E. 1982 94 1996 136 1973 117 1997 135 1982 71

MIN.W.E. 1982 94 1980 22 1980 16 1980 0 1982 71

ST. DEV. 13 33 14 34 17 45

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION FLATBUSH ID CODE 07BC803

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 44M LONGITUDE 114D 05M ELEVATION 640 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-19 29 74

1974 Mar-04 79 97 Mar-28 80 175

1975 Jan-23 22 36 Feb-25 36 53 Apr-08 37 69

1976 Mar-02 38 71 Mar-15 35 71

1977 Mar-01 31 69 Mar-15 34 81 Mar-29 36 91

1978 Feb-28 41 79 Mar-14 41 76 Apr-02 21 48

1979 Feb-26 60 99 Mar-13 36 81 Mar-27 22 58

1980 Feb-26 26 51 Mar-12 36 53 Mar-26 28 61

1981 Feb-24 31 61 Mar-16 21 57 Mar-30 0 0

1982 Feb-25 54 89 Mar-15 58 112 Mar-29 56 122 Apr-15 31 96

1983 Mar-01 21 28 Mar-14 29 43 Mar-28 21 45

1984 Feb-27 22 51 Mar-14 30 54 Mar-28 0 0

1985 Feb-26 60 131 Mar-13 57 127 Mar-28 34 104

1986 Feb-26 32 54 Mar-13 24 60 Apr-02 9 22

1987 Mar-02 31 54 Mar-27 27 72

1988 Feb-29 5 13 Mar-29 0 0

1989 Mar-03 37 65 Mar-30 34 75

1990 Feb-26 31 54 Mar-27 6 17

1991 Feb-25 3 13 Mar-26 0 0

1992 Mar-03 24 88 Apr-01 0 0

1993 Feb-25 33 65 Mar-31 0 0

1994 Feb-28 65 128 Mar-29 34 125

1995 Feb-27 37 68 Mar-27 0 0

1996 Feb-28 44 101 Mar-26 35 94

1997 Feb-27 54 111 Mar-24 57 137

1998 Feb-24 21 28 Mar-31 0 0

1999 Mar-01 49 110 Mar-29 29 97

CONTINUE WITH STATION: FLATBUSH

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 12 24 2

AVERAGE 22 36 37 70 36 74 22 56 34 83

MEDIAN 36 67 73 53 83

MAX.W.E. 1975 36 1985 131 1985 127 1974 175 1982 96

MIN.W.E. 1975 36 1988 13 1983 43 1981 0 1975 69

ST. DEV. 18 32 12 25 22 53

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION FORT CHIPEWYAN ID CODE 07MD801

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 58D 45M LONGITUDE 111D 07M ELEVATION 210 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Feb-06 36 63 Mar-15 42 74 Apr-05 34 79

1974 Jan-31 42 74 Feb-27 56 81 Mar-18 57 119 Apr-04 63 119

1975 Feb-06 35 51 Mar-18 39 43

1976 Jan-23 36 46 Mar-02 46 69 Mar-15 50 86 Mar-30 52 112

1977 Mar-01 39 61 Mar-14 33 64 Apr-01 34 69

1978 Jan-23 33 28 Feb-27 30 41 Mar-16 38 46 Mar-30 40 56 Apr-13 33 43

1979 Jan-29 29 30 Mar-01 40 69 Mar-13 46 89 Mar-27 43 99 Apr-18 34 76

1980 Feb-01 27 33 Feb-27 24 28 Mar-14 30 28 Apr-01 26 41

1981 Jan-29 36 58 Feb-26 51 81 Mar-13 48 109 Mar-27 48 91

1982 Feb-04 29 39 Feb-26 35 51 Mar-15 37 64 Apr-02 39 71 Apr-13 38 74

1983 Feb-02 47 86 Feb-28 63 122 Mar-14 64 152 Mar-29 58 127 Apr-13 38 114

1984 Feb-02 31 38 Feb-22 31 44 Mar-13 33 55 Mar-26 30 55

1985 Jan-28 40 56 Feb-25 47 71 Mar-11 42 74 Mar-25 49 74

1986 Feb-03 44 51 Feb-26 43 53 Mar-17 41 61 Apr-04 32 89

1987 Feb-03 42 51 Feb-25 45 53 Mar-18 55 119 Mar-31 57 145 Apr-13 48 117

1988 Jan-25 45 69 Feb-26 47 69 Mar-16 45 71 Mar-28 56 86 Apr-11 59 119

1989 Jan-30 44 91 Feb-27 47 89 Mar-28 54 90 Apr-15 36 89

1990 Feb-05 63 119 Feb-26 65 117 Apr-02 50 140

1991 Feb-01 67 135 Feb-25 68 152 Mar-25 75 165

1992 Feb-03 54 90 Feb-27 58 95 Mar-30 52 112

1993 Jan-27 21 19 Feb-22 27 32 Mar-31 0 0

1994 Feb-22 46 79 Mar-29 39 94 Apr-15 33 74

1995 Mar-02 47 66 Mar-27 37 66

1996 Feb-29 44 81 Apr-01 55 84

1997 Mar-04 35 58 Mar-26 41 71

1998 Feb-26 38 77 Mar-31 33 89

1999 Feb-22 29 51 Mar-29 16 44

CONTINUE WITH STATION: FORT CHIPEWYAN

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 20 25 16 26 8

AVERAGE 40 61 44 72 44 78 43 87 40 88

MEDIAN 54 69 73 88 83

MAX.W.E. 1991 135 1991 152 1983 152 1991 165 1988 119

MIN.W.E. 1993 19 1980 28 1980 28 1993 0 1978 43

ST. DEV. 12 30 12 28 9 33 16 35

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION FORT VERMILION ID CODE 07HF801

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 58D 23M LONGITUDE 116D 02M ELEVATION 280 METRES

REMARKS NOT EXACT DATES

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1968 Feb-01 39 89 Mar-01 37 105 Mar-15 38 99 Apr-01 24 94 Apr-15 0 0

1969 Feb-01 36 64 Mar-01 40 86 Mar-15 48 98 Apr-01 42 104 Apr-15 0 0

1970 Feb-01 20 30 Mar-01 23 54 Mar-15 22 44 Apr-01 18 58 Apr-15 0 0

1971 Feb-01 31 59 Mar-01 33 70 Mar-15 33 70 Apr-01 33 76 Apr-15 0 0

1972 Feb-01 49 98 Mar-01 59 120 Mar-15 52 111 Apr-01 64 157 Apr-15 49 127

1973 Feb-01 40 93 Mar-01 47 100 Mar-15 45 94 Apr-01 34 94 Apr-15 0 0

1974 Feb-01 41 79 Mar-01 48 99 Mar-15 64 122 Apr-01 63 137 Apr-15 17 74

1975 Feb-01 30 51 Mar-01 21 53 Mar-15 31 61 Apr-01 51 112 Apr-15 20 76

1976 Feb-01 51 108 Mar-01 54 105 Mar-15 58 104 Apr-01 42 104 Apr-15 0 0

1977 Feb-01 25 41 Mar-01 23 56 Mar-15 22 66 Apr-01 25 76 Apr-15 0 0

1978 Feb-01 35 62 Mar-01 41 80 Mar-15 39 72 Apr-01 37 92 Apr-15 0 0

1979 Feb-01 35 58 Mar-01 47 94 Mar-15 52 121 Apr-01 53 116 Apr-15 37 108

1980 Feb-01 19 37 Mar-01 23 47 Mar-15 22 47 Apr-01 0 0 Apr-15 0 0

1981 Feb-01 36 79 Mar-01 42 102 Mar-15 37 106 Apr-01 27 76 Apr-15 30 84

1982 Feb-01 29 49 Mar-01 37 84 Mar-15 38 89 Apr-01 35 83 Apr-15 0 0

1983 Feb-01 48 91 Mar-01 54 115 Mar-15 57 117 Apr-01 53 109 Apr-15 31 125

1984 Feb-01 32 53 Mar-01 36 140 Mar-15 34 64 Apr-01 0 0 Apr-15 0 0

1985 Feb-01 46 89 Mar-01 58 133 Mar-15 49 104 Apr-01 50 136 Apr-15 0 0

1986 Feb-03 43 68 Mar-03 42 83 Mar-17 44 92 Apr-01 30 107

1987 Mar-04 56 113 Apr-01 55 116 Apr-16 27 90

1988 Mar-01 42 91 Mar-31 43 92

1989 Mar-01 46 107 Apr-01 47 117

1990 Mar-01 60 140 Mar-15 61 131 Mar-30 48 102

1991 Mar-01 61 126 Mar-15 67 147 Mar-28 60 152

1992 Feb-28 55 112 Apr-02 35 107

1993 Feb-26 20 58 Mar-30 0 0

1994 Mar-01 51 106 Mar-14 37 91 Mar-30 19 73

1995 Mar-28 39 80

1996 Feb-27 63 123 Mar-27 70 147

1997 Feb-26 39 89 Mar-26 49 105

1998 Mar-04 45 97 Apr-01 33 89

1999 Feb-25 34 66 Mar-31 15 39

CONTINUE WITH STATION: FORT VERMILION

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 19 31 22 32 19

AVERAGE 36 68 43 95 43 93 37 92 11 36

MEDIAN 64 99 96 98 0

MAX.W.E. 1976 108 1990 140 1991 147 1972 157 1972 127

MIN.W.E. 1970 30 1980 47 1970 44 1980 0 1968 0

ST. DEV. 9 22 13 26 13 27 18 40 16 50

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION GADSBY ID CODE 05FC801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 19M LONGITUDE 112D 23M ELEVATION 790 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-14 23 36

1974 Mar-05 41 99 Mar-27 57 135

1975 Feb-25 28 61 Apr-10 66 170

1976 Mar-02 19 58 Mar-16 19 46

1977 Mar-01 13 38 Mar-28 0 0

1978 Mar-01 28 61 Mar-14 22 53 Mar-29 0 0

1979 Feb-27 15 28 Mar-12 0 0 Mar-30 0 0

1980 Feb-27 16 23 Mar-12 13 28 Mar-27 15 38

1981 Feb-26 0 0 Mar-16 0 0 Mar-30 0 0

1982 Mar-02 23 46 Mar-18 22 64 Apr-01 29 58

1983 Feb-28 7 8 Mar-14 0 0 Mar-28 0 0

1984 Feb-27 18 42 Mar-14 18 37 Mar-26 0 0

1985 Feb-26 16 43 Mar-14 14 35 Mar-26 0 0

1986 Feb-25 8 19 Mar-18 0 0 Apr-02 0 0

1987 Mar-02 7 10 Mar-30 5 18

1988 Feb-24 0 0 Mar-29 27 61

1989 Feb-27 11 24 Mar-28 1 3

1990 Feb-27 7 20 Mar-27 0 0

1991 Feb-26 4 7 Mar-25 1 3

1992 Feb-26 7 18 Apr-01 0 0

1993 Feb-25 22 46 Mar-30 6 10

1994 Feb-28 23 57 Mar-28 0 0

1995 Feb-27 4 10 Mar-28 3 10

1996 Feb-26 12 33 Mar-28 8 10

1997 Feb-25 19 70 Mar-25 4 13

1998 Feb-26 1 2 Mar-31 0 0

1999 Mar-01 36 81 Mar-29 0 0

CONTINUE WITH STATION: GADSBY

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 11 24 1

AVERAGE 15 35 12 27 7 15 66 170

MEDIAN 31 35 0 170

MAX.W.E. 1974 99 1982 64 1974 135 1975 170

MIN.W.E. 1981 0 1979 0 1977 0 1975 170

ST. DEV. 11 26 10 24 13 31

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION GIROUXVILLE ID CODE 07GJ801

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 55D 46M LONGITUDE 117D 20M ELEVATION 560 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 41 102

1974 Mar-05 43 91 Mar-28 51 102

1975 Jan-29 24 46 Feb-25 18 48

1976 Mar-01 30 74 Mar-15 31 79

1977 Feb-28 21 63 Mar-14 18 56 Mar-29 17 69

1978 Feb-27 17 41 Mar-13 9 20 Mar-27 0 0

1979 Feb-27 62 130 Mar-13 46 127 Mar-26 40 124

1980 Feb-29 7 28 Mar-14 8 17 Mar-31 0 0

1981 Feb-27 16 53 Mar-18 0 0 Mar-30 0 0

1982 Mar-01 41 107 Mar-15 45 126 Mar-30 40 116 Apr-14 29 84

1983 Mar-01 21 37 Mar-14 14 27 Mar-29 14 32

1984 Feb-28 8 22 Mar-13 7 17 Mar-26 0 0

1985 Feb-27 19 77 Mar-14 10 34 Mar-28 23

1986 Mar-05 6 22 Mar-18 16 36 Apr-02 0 0

1987 Mar-04 22 38 Mar-31 14 46

1988 Mar-01 12 19 Mar-29 0 0

1989 Feb-28 17 15 Mar-29 28 50

1990 Feb-23 19 50 Mar-28 0 0

1991 Feb-26 2 8 Mar-27 2 3

1992 Feb-26 13 46 Apr-02 0 0

1993 Mar-02 0 0 Mar-30 0 0

1994 Mar-01 51 116 Mar-15 28 91 Mar-30 19 72

1995 Feb-28 43 41 Mar-29 18 38

1996 Feb-28 39 109 Mar-28 25 91

1997 Feb-27 40 109 Mar-27 25 88

1998 Mar-04 22 38 Apr-01 0 0

1999 Feb-25 36 84 Mar-31 15 52

CONTINUE WITH STATION: GIROUXVILLE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 13 24 1

AVERAGE 24 46 24 56 21 56 13 38 29 84

MEDIAN 46 47 36 28 84

MAX.W.E. 1975 46 1979 130 1979 127 1979 124 1982 84

MIN.W.E. 1975 46 1993 0 1981 0 1978 0 1982 84

ST. DEV. 16 37 16 44 16 42

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION GRASSLAND ID CODE 07CA801

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 49M LONGITUDE 112D 41M ELEVATION 570 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-16 23 48

1974 Mar-04 53 102 Mar-29 58 130

1975 Jan-28 26 43 Feb-26 29 56 Apr-08 37 76

1976 Mar-02 12 24 Mar-16 4 20

1977 Feb-28 22 53 Mar-15 20 28 Mar-29 14 38

1978 Feb-28 30 69 Mar-13 28 74 Mar-27 11 33

1979 Feb-28 44 74 Mar-12 30 74 Mar-27 20 61

1980 Feb-26 5 8 Mar-12 17 10 Mar-26 13 28

1981 Feb-23 15 30 Mar-16 7 31 Mar-31 0 0

1982 Feb-25 29 58 Mar-15 42 107 Mar-29 36 97

1983 Feb-28 22 37 Mar-15 21 46 Mar-29 23 58

1984 Feb-28 14 33 Mar-14 13 36 Mar-27 0 0

1985 Feb-26 33 88 Mar-12 28 79 Mar-28 12 39

1986 Feb-26 21 46 Mar-20 3 8 Apr-02 0 0

1987 Mar-03 27 51 Mar-31 23 59

1988 Feb-24 7 13 Mar-30 1 3

1989 Mar-01 17 37 Mar-29 22 60

1990 Feb-28 18 46 Mar-28 0 0

1991 Feb-25 8 23 Mar-25 2 6

1992 Feb-26 22 77 Mar-30 0 0

1993 Feb-25 7 12 Mar-31 0 0

1994 Mar-02 47 116 Mar-30 20 83

1995 Mar-01 29 57 Mar-30 0 0

1996 Feb-27 18 52 Mar-27 3 6

1997 Feb-27 43 115 Mar-24 37 115

1998 Feb-24 15 23 Mar-30 0 0

1999 Mar-01 36 67 Mar-29 3 15

CONTINUE WITH STATION: GRASSLAND

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 12 25

AVERAGE 26 43 24 53 20 47 13 36

MEDIAN 43 52 41 28

MAX.W.E. 1975 43 1994 116 1982 107 1974 130

MIN.W.E. 1975 43 1980 8 1986 8 1981 0

ST. DEV. 13 30 12 31 16 40

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION GROS VENTRE MID. ID CODE 05AH802

BASIN SOUTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 49D 39M LONGITUDE 110D 22M ELEVATION 1220 METRES

REMARKS NON-STD. DATES

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1980 Jan-25 23 53 Feb-21 24 61 Mar-12 24 74

1981

1982 Jan-20 24 46 Feb-18 27 69 Mar-22 39 81

1983 Jan-26 23 46 Feb-22 9 31

1984 Feb-24 38 79 Feb-22 41 114

1985 Jan-22 29 66 Feb-20 53 102

1986 Jan-22 21 61 Feb-17 36 84

1987 Jan-23 38 84 Feb-17 41 114

1988 Jan-20 25 64 Feb-16 22 74

1989 Jan-27 35 61 Feb-22 61 135 Mar-22 45 122

1990 Jan-23 19 61 Feb-21 29 69

1991 Jan-23 38 80 Feb-22 41 122

1992 Jan-22 38 64 Feb-19 33 78

1993 Jan-20 35 86 Feb-17 30 71

1994 Jan-27 42 102 Feb-17 55 145

1995 Jan-17 12 25 Feb-22 0 0

1996 Jan-22 36 56 Feb-21 27 74

1997 Jan-21 41 97 Feb-25 49 107 0 0

1998 Jan-20 18 30 Feb-18 15 33 0 0

1999 Jan-20 42 94 Feb-17 44 114

NO. YRS. 19 19 3 2

AVERAGE 30 66 34 84 36 92 0 0

MEDIAN 64 78 81 0

MAX.W.E. 1994 102 1994 145 1989 122 1998 0

MIN.W.E. 1995 25 1995 0 1980 74 1997 0

ST. DEV. 9 21 16 37

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION GROS VENTRE UPP. ID CODE 05AH803

BASIN SOUTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 49D 38M LONGITUDE 110D 19M ELEVATION 1460 METRES

REMARKS NON-STD. DATES

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1980 Feb-20 27 46 Mar-12 19 38

1981

1982 Jan-20 30 53 Feb-18 38 102 Mar-22 52 116

1983 Jan-25 28 56 Feb-22 17 51

1984 Feb-25 31 74 Feb-21 28 84

1985 Feb-23 38 81 Feb-19 46 104

1986 Jan-22 11 36 Feb-18 29 66

1987 Jan-22 21 43 Feb-16 18 48

1988 Jan-21 24 58 Feb-17 23 64

1989 Jan-26 27 61 Feb-21 39 86 Mar-22 38 104

1990 Jan-22 21 51 Feb-20 31 79

1991 Jan-22 30 67 Feb-21 29 81

1992 Jan-21 12 30 Feb-18 9 30

1993 Jan-19 30 69 Feb-16 20 53

1994 Jan-28 29 76 Feb-16 41 102

1995 Jan-17 5 5 Feb-22 0 0

1996 Feb-20 18 51

1997 Jan-20 34 89 Feb-24 38 102 0 0

1998 Jan-19 13 22 Feb-17 7 15 0 0

1999 Jan-19 37 102 Feb-16 36 104

NO. YRS. 17 19 3 2

AVERAGE 25 57 26 67 36 86 0 0

MEDIAN 58 66 104 0

MAX.W.E. 1999 102 1999 104 1982 116 1998 0

MIN.W.E. 1995 5 1995 0 1980 38 1997 0

ST. DEV. 10 25 12 31

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION HIGH LEVEL ID CODE 07JF801

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 58D 31M LONGITUDE 117D 11M ELEVATION 330 METRES

REMARKS NON-STD. DATES

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1986 Mar-04 53 88 Mar-18 52 86 Apr-01 30 107

1987 Mar-03 59 116 Mar-31 61 128

1988 Mar-01 40 74 Mar-29 45 85

1989 Feb-28 56 113 Mar-29 69 146

1990 Feb-23 61 127 Mar-29 48 113

1991 Feb-25 70 128 Mar-27 62 135

1992 Feb-26 60 113 Apr-02 34 90

1993 Feb-24 27 46 Mar-29 9 27

1994 Mar-01 55 94 Mar-29 38 88

1995 Feb-28 48 50 Mar-28 47 58

1996 Feb-26 63 108 Mar-26 72 168

1997 Feb-26 48 107 Mar-26 51 108

1998 Mar-02 37 72 Mar-31 24 58

1999 Feb-24 40 81 Mar-30 24 70

NO. YRS. 14 1 14

AVERAGE 51 94 52 86 44 99

MEDIAN 101 86 99

MAX.W.E. 1991 128 1986 86 1996 168

MIN.W.E. 1993 46 1986 86 1993 27

ST. DEV. 12 27 19 38

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION HIGH PRAIRIE ID CODE 07BF801

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 55D 24M LONGITUDE 116D 27M ELEVATION 610 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 35 86

1974 Mar-05 59 132 Mar-28 71 185

1975 Jan-23 29 53 Feb-26 31 71 Apr-08 30 63

1976 Mar-03 28 58 Mar-16 25 51

1977 Mar-01 28 79 Mar-16 25 74 Mar-30 24 81

1978 Feb-27 23 53 Mar-13 23 56

1979 Feb-27 54 127 Mar-13 42 112 Mar-26 33 97

1980 Feb-29 4 13 Mar-14 20 38 Mar-31 8 26

1981 Feb-27 12 46 Mar-18 14 51 Mar-30 0 0

1982 Mar-01 52 106 Mar-15 56 111 Mar-30 71 156 Apr-14 47 104

1983 Mar-01 21 28 Mar-14 15 29 Mar-29 21 52

1984 Feb-28 0 0 Mar-13 0 0 Mar-26 0 0

1985 Feb-27 33 94 Mar-14 20 55 Mar-28 14 46

1986 Mar-05 12 13 Mar-19 10 27 Apr-03 0 0

1987 Mar-04 22 47 Mar-30 17 50

1988 Mar-02 19 52 Mar-30 0 0

1989 Mar-01 25 39 Mar-30 26 60

1990 Feb-23 21 50 Mar-28 6 22

1991 Feb-26 13 38 Mar-27 14 33

1992 Feb-26 26 69 Apr-02 0 0

1993 Mar-02 0 0 Mar-31 0 0

1994 Mar-02 52 112 Mar-15 28 102 Mar-30 18 66

1995 Mar-01 32 50 Mar-29 21 50

1996 Feb-28 43 123 Mar-28 27 93

1997 Feb-27 44 105 Mar-27 28 79

1998 Mar-05 19 33 Apr-02 0 0

1999 Feb-26 39 95 Apr-01 20 62

CONTINUE WITH STATION: HIGH PRAIRIE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 13 24 1

AVERAGE 29 53 27 63 24 61 19 51 47 104

MEDIAN 53 53 55 50 104

MAX.W.E. 1975 53 1974 132 1979 112 1974 185 1982 104

MIN.W.E. 1975 53 1984 0 1984 0 1981 0 1982 104

ST. DEV. 16 39 14 34 20 49

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION HIGHROCK TOWER ID CODE 07KF801

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 58D 48M LONGITUDE 111D 33M ELEVATION 210 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-26 55 76

1974 Jan-24 52 61 Feb-27 64 94 Mar-14 68 107

1975 Feb-06 40 61

1976 Mar-03 59 81 Mar-15 63 97 Mar-30 58 102

1977 Feb-04 42 79 Mar-02 38 48 Mar-14 36 33 Mar-30 41 66

1978 Jan-23 36 28 Feb-27 37 30 Mar-16 44 51 Mar-31 49 53

1979 Jan-29 34 30 Mar-01 50 71 Mar-13 54 89 Mar-27 57 112 Apr-09 45 91

1980 Jan-30 36 36 Feb-27 34 38 Mar-14 40 36 Apr-01 26 38

1981 Jan-29 37 48 Feb-27 53 76 Mar-13 52 84 Mar-27 53 91

1982 Feb-02 38 25 Mar-02 51 69 Mar-11 49 66 Mar-31 47 66

1983 Feb-01 62 114 Feb-28 69 122 Mar-14 68 130 Mar-30 66 142

1984 Jan-31 33 43 Feb-27 39 64 Mar-16 38 64 Mar-26 37 61

1985 Jan-28 42 61 Feb-25 51 69 Mar-11 46 75 Mar-29 54 107

1986 Jan-29 47 48 Mar-03 44 66 Mar-17 45 64 Apr-01 37 76

1987 Feb-03 45 58 Feb-25 50 79 Mar-18 61 130 Mar-31 60 114

1988 Feb-02 44 66 Feb-26 49 71 Mar-16 48 66 Mar-28 60 89 Apr-11 60 152

1989 Feb-03 51 80 Feb-27 54 102 Mar-31 59 124

1990 Feb-26 66 122 Mar-28 60 133

1991 Feb-04 70 135 Feb-25 77 149 Mar-27 81 188

1992 Feb-04 55 102 Feb-27 66 126 Mar-30 0 0

1993 Jan-27 28 25 Feb-22 28 36 Mar-31 0 0

1994 Feb-22 55 91 Mar-28 48 104

1995 Mar-01 55 74 Mar-28 49 80

1996 Feb-28 45 74 Mar-28 61 103

1997 Mar-03 43 66 Mar-24 41 69

1998 Feb-26 45 95 Apr-01 29 89

1999 Feb-25 30 58 Mar-29 14 43

CONTINUE WITH STATION: HIGHROCK TOWER

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 18 25 14 25 2

AVERAGE 44 61 50 79 51 78 46 85 53 122

MEDIAN 60 74 71 89 122

MAX.W.E. 1991 135 1991 149 1987 130 1991 188 1988 152

MIN.W.E. 1982 25 1978 30 1977 33 1992 0 1979 91

ST. DEV. 11 31 12 29 11 30 20 42

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION HINTON ID CODE 17V01X

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 32M LONGITUDE 117D 57M ELEVATION 1240 METRES

REMARKS CONT. 17V01 1986

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-21 40 79

1974 Mar-08 60 127 Apr-05 57 137

1975 Feb-25 40 61 Apr-07 43 86

1976 Mar-02 52 89 Mar-17 59 124

1977 Mar-01 17 41 Mar-16 7 23 Mar-29 24 46

1978 Feb-28 34 66 Mar-14 34 69 Mar-28 31 74

1979 Feb-28 46 71 Mar-13 32 81 Mar-27 0 0

1980 Feb-27 46 81 Mar-13 51 86 Mar-27 39 109

1981 Feb-25 29 56 Mar-17 20 56 Apr-02 9 30

1982 Mar-01 68 122 Mar-17 79 152 Mar-30 75 157

1983 Mar-01 31 51 Mar-15 30 67 Mar-28 32 68

1984 Feb-29 46 104 Mar-15 56 121 Mar-29 38 109

1985 Feb-28 37 81 Mar-14 33 81 Mar-28 31 74

NO. YRS. 11 12 11

AVERAGE 41 75 42 89 34 81

MEDIAN 71 81 74

MAX.W.E. 1982 122 1982 152 1982 157

MIN.W.E. 1977 41 1977 23 1979 0

ST. DEV. 13 24 20 36 21 46

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION HOADLEY ID CODE 05CC803

BASIN RED DEER DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 49M LONGITUDE 114D 23M ELEVATION 970 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1972 Mar-08 41 84

1973 Mar-23 39 86

1974 Mar-28 80 163

1975 Feb-26 36 71 Apr-09 42 84

1976 Mar-03 38 51 Mar-15 45 102 Apr-01 33 84

1977 Feb-28 30 74 Mar-30 25 74

1978 Mar-01 16 36 Mar-13 16 38 Mar-28 5 15

1979 Feb-26 17 30 Mar-13 0 0 Mar-28 0 0

1980 Feb-26 14 32 Mar-10 23 38 Mar-28 13 41

1981 Feb-24 6 6 Mar-18 0 0 Mar-31 0 0

1982 Mar-01 36 74 Mar-17 40 99 Mar-31 33 99

1983 Mar-01 17 25 Mar-15 0 0 Mar-29 0 0

1984 Feb-28 15 41 Mar-15 24 59 Mar-29 9 30

1985 Feb-27 23 67 Mar-14 18 64 Mar-29 10 30

1986 Feb-26 0 0 Mar-20 0 0 Apr-04 0 0

1987 Mar-03 5 4 Mar-31 0 0

1988 Feb-25 0 0 Mar-28 6 9

1989 Mar-01 22 63 Mar-29 21 65

1990 Mar-01 8 26 Mar-29 0 0

1991 Feb-28 25 68 Mar-27 10 30

1992 Feb-28 0 0 Mar-30 0 0

1993 Feb-26 12 17 Apr-02 0 0

1994 Feb-25 35 76 Mar-14 19 57 Mar-29 5 20

1995 Mar-01 14 29 Mar-31 0 0

1996 Feb-29 26 75 Mar-26 11 35

1997 Feb-25 30 84 Mar-27 34 82

1998 Feb-27 5 10 Mar-30 0 0

1999 Mar-02 53 118 Mar-31 31 122

CONTINUE WITH STATION: HOADLEY

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 25 13 25 1

AVERAGE 19 43 20 48 13 36 42 84

MEDIAN 36 57 20 84

MAX.W.E. 1999 118 1976 102 1974 163 1975 84

MIN.W.E. 1986 0 1979 0 1979 0 1975 84

ST. DEV. 14 32 17 39 18 45

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION HYTHE ID CODE 07GD801

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 55D 19M LONGITUDE 119D 34M ELEVATION 740 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-15 42 104

1974 Mar-07 56 142 Mar-26 81 173

1975 Jan-24 22 43 Feb-25 23 51

1976 Mar-01 22 53 Mar-15 33 74

1977 Feb-28 21 69 Mar-14 14 48 Mar-29 17 58

1978 Feb-27 15 43 Mar-14 8 25 Mar-27 0 0

1979 Feb-28 52 86 Mar-14 22 66 Mar-27 7 30

1980 Mar-03 15 30 Mar-17 17 46 Mar-31 0 0

1981 Mar-02 7 37 Mar-16 0 0 Mar-30 0 0

1982 Feb-02 76 121 Mar-02 70 133 Mar-15 64 151 Mar-31 61 130 Apr-14 43 76

1983 Feb-28 42 61 Mar-15 35 66 Mar-29 45 110

1984 Feb-28 0 0 Mar-12 9 10 Mar-26 0 0

1985 Mar-14 0 0 Mar-28 0 0

1986 Mar-04 0 0 Mar-14 9 19 Mar-31 0 0

1987 Mar-03 21 33 Apr-02 0 0

1988 Mar-03 13 32 Mar-29 0 0

1989 Mar-01 13 27 Mar-30 12 33

1990 Feb-27 10 23 Mar-29 0 0

1991 Feb-25 20 51 Mar-26 4 27

1992 Feb-24 20 69 Apr-02 0 0

1993 Feb-26 4 5 Mar-31 0 0

1994 Mar-03 56 117 Mar-28 17 71

1995 Mar-02 30 72 Mar-30 22 67

1996 Feb-27 39 122 Mar-27 14 44

1997 Feb-26 43 100 Mar-26 34 102

1998 Mar-02 23 32 Mar-30 0 0

1999 Feb-23 44 88 Mar-29 29 80

CONTINUE WITH STATION: HYTHE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 2 25 12 24 1

AVERAGE 49 82 26 59 21 51 14 39 43 76

MEDIAN 82 51 47 14 76

MAX.W.E. 1982 121 1974 142 1982 151 1974 173 1982 76

MIN.W.E. 1975 43 1984 0 1981 0 1978 0 1982 76

ST. DEV. 19 41 19 45 22 50

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION INNISFAIL EAST ID CODE 05CE801

BASIN RED DEER DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 01M LONGITUDE 113D 35M ELEVATION 910 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-07 24 41

1974 Mar-25 59 122

1975 Jan-26 28 46 Apr-08 42 71

1976 Mar-01 24 36 Mar-15 34 89

1977 Mar-29 8 15

1978 Feb-28 12 20 Mar-14 2 5 Mar-29 0 0

1979 Feb-27 0 0 Mar-13 0 0 Mar-28 0 0

1980 Feb-25 23 53 Mar-11 26 53 Mar-27 26 69

1981 Feb-25 0 0 Mar-17 0 0 Apr-01 0 0

1982 Feb-02 17 36 Feb-26 17 36 Mar-16 20 43 Mar-31 7 23

1983 Feb-28 18 25 Mar-14 3 10 Mar-28 0 0

1984 Feb-27 10 27 Mar-14 16 27 Mar-26 0 0

1985 Feb-26 22 48 Mar-13 20 51 Mar-27 5 14

1986 Feb-25 0 0 Mar-18 0 0 Apr-03 0 0

1987 Mar-02 0 0 Mar-30 8 23

1988 Feb-25 0 0 Mar-29 9 26

1989 Feb-28 18 50 Mar-28 19 53

1990 Feb-28 19 43 Mar-28 0 0

1991 Feb-27 7 7 Mar-26 2 2

1992 Feb-27 1 5 Mar-30 0 0

1993 Feb-25 20 41 Mar-31 0 0

1994 Feb-28 19 44 Mar-29 0 0

1995 Feb-27 3 4 Mar-28 0 0

1996 Feb-27 24 60 Mar-28 13 29

1997 Feb-26 31 87 Mar-24 38 106

1998 Feb-26 3 8 Mar-31 0 0

1999 Mar-02 17 45 Mar-30 8 15

CONTINUE WITH STATION: INNISFAIL EAST

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 2 24 10 24 1

AVERAGE 23 41 13 28 12 28 8 21 42 71

MEDIAN 41 32 19 1 71

MAX.W.E. 1975 46 1997 87 1976 89 1974 122 1975 71

MIN.W.E. 1982 36 1979 0 1979 0 1978 0 1975 71

ST. DEV. 10 24 13 30 14 34

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION JACKFISH VILLAGE ID CODE 07DD802

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 58D 25M LONGITUDE 110D 56M ELEVATION 210 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-14 34 38

1974 Jan-30 51 76 Mar-13 64 97 Mar-27 63 102

1975 Feb-05 33 48 Apr-14 33 46

1976 Mar-02 49 69 Mar-16 47 61 Apr-01 38 63

1977 Feb-28 36 58 Mar-15 36 76 Mar-31 38 84

1978 Jan-24 38 41 Mar-14 44 33 Mar-31 50 71

1979 Feb-05 38 48 Mar-01 53 94 Mar-19 52 102 Mar-31 54 104

1980 Feb-05 33 46 Feb-27 33 43 Mar-18 37 43 Apr-01 20 23

1981 Feb-03 36 56 Feb-24 46 81 Mar-16 36 86 Apr-01 38 84

1982 Feb-03 37 55 Feb-25 41 53 Mar-16 45 71 Mar-31 47 81 Apr-16 41 89

1983 Mar-01 52 91 Mar-15 45 97 Mar-29 48 94 Apr-13 27 69

1984 Jan-31 36 38 Feb-29 36 60 Mar-15 35 65 Mar-28 27 60

1985 Feb-04 36 43 Feb-28 39 53 Mar-14 35 69 Mar-27 38 66

1986 Jan-31 45 69 Feb-27 44 53 Mar-13 44 64 Apr-03 37 84

1987 Feb-05 44 64 Feb-24 46 69 Mar-19 53 122 Apr-01 52 155

1988 Feb-03 42 66 Feb-26 47 71 Mar-17 44 64 Mar-29 54 84 Apr-14 37 142

1989 Mar-01 54 150 Mar-28 67 112 Apr-13 45 112

1990 Feb-27 62 117 Mar-29 59 132

1991 Jan-30 66 119 Feb-27 73 155 Mar-26 69 191

1992 Feb-06 48 79 Feb-26 59 97

1993 Jan-28 26 33 Feb-25 34 43 Mar-31 0 0

1994 Feb-24 54 97 Mar-31 38 72

1995 Feb-28 57 75 Apr-05 52 89

1996 Feb-29 55 104 Apr-02 73 132

1997 Mar-04 36 51 Mar-25 39 76

1998 Feb-26 38 76 Mar-30 22 76

1999 Feb-23 32 61 Mar-25 0 0

CONTINUE WITH STATION: JACKFISH VILLAGE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 15 23 15 24 5

AVERAGE 41 59 47 79 43 73 43 85 37 92

MEDIAN 55 71 69 84 89

MAX.W.E. 1991 119 1991 155 1987 122 1991 191 1988 142

MIN.W.E. 1993 33 1980 43 1978 33 1993 0 1975 46

ST. DEV. 9 22 11 31 8 25 19 43

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION JAMES RIVER ID CODE 05CA803

BASIN RED DEER DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 51D 54M LONGITUDE 115D 00M ELEVATION 1210 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 50 97

1974 Mar-29 63 122

1975 Feb-27 28 36 Apr-10 45 63

1976 Mar-04 52 107 Mar-17 56 122 Mar-29 49 112

1977 Mar-02 36 71 Mar-29 43 84

1978 Feb-28 34 43 Mar-14 49 53 Mar-29 33 71

1979 Feb-27 37 58 Mar-16 22 48 Mar-30 23 48

1980 Feb-25 44 90 Mar-11 48 99 Mar-27 47 104

1981 Feb-25 15 31 Mar-17 15 41 Mar-31 10 43

1982 Feb-26 30 58 Mar-16 40 69 Mar-31 38 76

1983 Mar-01 37 53 Mar-15 30 60 Mar-29 31 71

1984 Feb-28 34 57 Mar-15 45 81 Mar-28 28 77

1985 Feb-27 45 93 Mar-13 46 102 Mar-28 44 99

1986 Feb-26 30 63 Mar-19 30 75 Apr-03 11 26

1987 Mar-03 18 30 Mar-31 12 34

1988 Feb-25 21 48 Mar-30 36 86

1989 Feb-28 62 106 Mar-29 54 122

1990 Feb-28 45 104 Mar-28 44 110

1991 Feb-27 42 93 Mar-26 54 120

1992 Feb-27 24 68 Apr-03 2 6

1993 Feb-26 38 80 Mar-31 38 102

1994 Mar-01 41 85 Mar-30 20 70

1995 Feb-28 18 41 Mar-29 14 39

1996 Feb-27 38 78 Mar-28 40 94

1997 Feb-26 50 107 Mar-27 49 130

1998 Feb-24 17 33 Apr-01 43 91

1999 Mar-02 21 41 Mar-30 4 13

CONTINUE WITH STATION: JAMES RIVER

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 25 11 25 1

AVERAGE 34 67 39 77 33 78 45 63

MEDIAN 63 75 84 63

MAX.W.E. 1997 107 1976 122 1997 130 1975 63

MIN.W.E. 1987 30 1981 41 1992 6 1975 63

ST. DEV. 12 26 13 26 17 36

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION KEG RIVER ID CODE 07HF802

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 57D 35M LONGITUDE 117D 29M ELEVATION 440 METRES

REMARKS THIS STATION WAS MOVED TO A NEW SITE

IN 1991

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1986 Mar-04 25 69 Mar-18 25 51 Apr-02 15 39

1987 Mar-31 39 88

1988 Feb-29 13 25 Mar-28 9 22

1989 Feb-27 41 102 Mar-28 52 103

1990 Feb-22 48 79 Mar-29 41 93

1991 Feb-26 35 67 Mar-26 28 69

1992 Feb-25 61 144 Apr-01 14 60

1993 Feb-24 21 30 Mar-29 0 0

1994 Feb-28 58 116 Mar-29 29 83

1995 Feb-27 35 46 Mar-27 30 53

1996 Feb-27 65 126 Mar-27 64 150

1997 Feb-25 61 142 Mar-25 59 146

1998 Mar-03 20 42 Mar-31 3 10

1999 Feb-24 42 75 Mar-30 18 55

NO. YRS. 13 1 14

AVERAGE 40 82 25 51 29 69

MEDIAN 75 51 65

MAX.W.E. 1992 144 1986 51 1996 150

MIN.W.E. 1988 25 1986 51 1993 0

ST. DEV. 17 41 20 45

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION KINUSO ID CODE 07BJ805

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 55D 20M LONGITUDE 115D 24M ELEVATION 640 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-19 37 89

1974 Mar-05 57 107 Mar-28 78 163

1975 Jan-23 35 46 Feb-26 37 71 Apr-08 44 89

1976 Mar-03 38 74 Mar-16 34 66

1977 Mar-01 44 99 Mar-16 42 102 Mar-29 50 117

1978 Mar-01 33 74 Mar-15 46 61 Apr-02 0 0

1979 Feb-26 65 104 Mar-13 38 94 Mar-27 25 64

1980 Feb-26 13 23 Mar-12 35 38 Mar-26 19 41

1981 Feb-24 26 48 Mar-16 20 45 Mar-30 11 22

1982 Feb-25 59 104 Mar-15 65 130 Mar-29 77 155

1983 Mar-02 25 43 Mar-14 30 52 Mar-28 19 43

1984 Feb-27 27 58 Mar-14 32 64 Mar-29 0 0

1985 Feb-26 70 155 Mar-13 58 161 Mar-28 46 137

1986 Feb-26 32 57 Mar-14 46 107 Apr-02 30 107

1987 Mar-03 30 53 Mar-31 22 83

1988 Mar-01 33 51 Mar-30 10 25

1989 Mar-02 39 68 Mar-31 51 84

1990 Feb-27 29 56 Mar-27 15 49

1991 Feb-25 20 49 Mar-27 43 120

1992 Mar-03 25 88 Apr-02 10 39

1993 Feb-25 28 57 Mar-30 0 0

1994 Mar-01 62 147 Mar-29 39 154

1995 Feb-28 35 67 Mar-27 23 66

1996 Feb-28 46 125 Mar-27 45 127

1997 Feb-27 51 117 Mar-25 52 145

1998 Feb-25 21 36 Mar-31 0 0

1999 Mar-01 42 95 Mar-29 29 94

CONTINUE WITH STATION: KINUSO

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 12 24 1

AVERAGE 35 46 38 78 40 84 29 76 44 89

MEDIAN 46 70 78 75 89

MAX.W.E. 1975 46 1985 155 1985 161 1974 163 1975 89

MIN.W.E. 1975 46 1980 23 1980 38 1978 0 1975 89

ST. DEV. 15 34 12 37 23 55

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION KNEEHILL VALLEY ID CODE 05CE802

BASIN RED DEER DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 00M LONGITUDE 113D 42M ELEVATION 970 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 28 51

1974 Mar-06 36 79 Mar-25 37 76 Mar-25 37 76

1975 Apr-08 24 41

1976 Jan-26 22 38 Mar-04 31 69 Mar-15 38 76

1977 Feb-28 29 46 Mar-29 26 76

1978 Feb-28 20 38 Mar-14 24 66 Mar-29 3 9

1979 Feb-26 9 15 Mar-13 0 0 Mar-28 0 0

1980 Feb-25 38 99 Mar-11 43 112 Mar-27 35 86

1981 Feb-25 10 23 Mar-17 0 0 Apr-01 0 0

1982 Feb-26 27 56 Mar-16 26 69 Mar-31 10 25

1983 Feb-28 33 61 Mar-14 20 52 Mar-28 12 44

1984 Feb-27 12 33 Mar-14 18 34 Mar-27 2 9

1985 Feb-26 20 47 Mar-13 18 53 Mar-27 11 29

1986 Feb-25 7 23 Mar-18 0 0 Apr-02 0 0

1987 Mar-02 7 13 Mar-30 3 10

1988 Feb-25 0 0 Mar-29 4 15

1989 Feb-28 24 62 Mar-28 24 67

1990 Feb-28 17 42 Mar-28 17 59

1991 Feb-27 12 15 Mar-26 7 9

1992 Feb-27 16 48 Mar-30 0 0

1993 Feb-25 23 49 Mar-31 13 34

1994 Feb-28 26 62 Mar-29 0 0

1995 Feb-27 6 7 Mar-28 0 0

1996 Feb-27 35 89 Mar-28 29 81

1997 Feb-27 51 132 Mar-24 53 126

1998 Feb-26 13 23 Mar-31 0 0

1999 Mar-02 23 66 Mar-30 8 28

CONTINUE WITH STATION: KNEEHILL VALLEY

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 25 12 24 1

AVERAGE 22 38 21 48 21 49 12 33 24 41

MEDIAN 38 47 53 20 41

MAX.W.E. 1976 38 1997 132 1980 112 1997 126 1975 41

MIN.W.E. 1976 38 1988 0 1979 0 1979 0 1975 41

ST. DEV. 12 31 15 35 15 36

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION LEDUC ID CODE 05DF801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 16M LONGITUDE 113D 33M ELEVATION 730 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-16 17 41

1974 Mar-04 55 130 Apr-04 65 168

1975 Feb-26 33 61 Apr-07 35 76

1976 Mar-02 30 74 Mar-16 31 94

1977 Mar-01 20 56 Mar-15 18 51 Mar-29 0 0

1978 Feb-27 37 102 Mar-16 34 97 Mar-28 30 104

1979 Feb-26 31 66 Mar-16 19 69 Mar-26 0 0

1980 Feb-28 34 71 Mar-11 45 86 Mar-28 35 91

1981 Feb-26 27 68 Mar-18 13 38 Apr-01 0 0

1982 Mar-01 53 102 Mar-17 60 130 Mar-31 49 135

1983 Mar-02 21 41 Mar-15 14 42 Mar-30 11 38

1984 Feb-29 22 51 Mar-16 15 34 Mar-29 0 0

1985 Feb-28 21 59 Mar-14 14 57 Mar-29 3 9

1986 Feb-27 13 30 Mar-20 0 0 Apr-04 0 0

1987 Mar-04 7 14 Apr-01 0 0

1988 Feb-26 8 21 Mar-28 6 7

1989 Mar-02 21 44 Mar-30 11 30

1990 Mar-01 17 47 Mar-29 0 0

1991 Feb-28 22 55 Mar-27 14 43

1992 Feb-28 16 51 Mar-30 0 0

1993 Feb-24 17 34 Apr-02 0 0

1994 Feb-25 47 96 Mar-14 23 75 Mar-29 7 25

1995 Mar-01 21 44 Mar-30 0 0

1996 Feb-29 34 86 Mar-26 8 17

1997 Feb-25 39 92 Mar-27 29 104

1998 Feb-24 13 25 Mar-30 0 0

1999 Mar-01 46 117 Mar-29 23 81

CONTINUE WITH STATION: LEDUC

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 13 25

AVERAGE 27 63 23 63 13 37

MEDIAN 58 57 9

MAX.W.E. 1974 130 1982 130 1974 168

MIN.W.E. 1987 14 1986 0 1977 0

ST. DEV. 13 30 16 34 18 50

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION LITTLE SMOKY ID CODE 07GG801

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 44M LONGITUDE 117D 09M ELEVATION 660 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-14 49 99

1974 Mar-08 72 145 Mar-25 85 152

1975

1976 Mar-03 56 117 Mar-17 54 137

1977 Mar-03 31 81 Mar-16 26 63 Mar-28 17 46

1978 Mar-02 25 56 Mar-13 24 51

1979 Feb-27 68 104 Mar-12 43 109 Mar-26 35 97

1980 Feb-29 22 61 Mar-12 51 84 Mar-31 33 93

1981 Feb-27 35 105 Mar-18 0 0 Mar-30 0 0

1982 Mar-01 70 141 Mar-15 63 146 Mar-30 67 164 Apr-14 44 114

1983 Mar-01 29 47 Mar-14 20 35 Mar-29 11 27

1984 Feb-27 25 48 Mar-13 27 48 Mar-26 0 0

1985 Feb-27 54 110 Mar-14 38 98 Mar-28 29 83

1986 Mar-05 18 33 Mar-19 18 51 Apr-03 0 0

1987 Mar-04 38 70 Mar-30 26 64

1988 Mar-02 23 57 Mar-30 0 0

1989 Mar-01 43 75 Mar-30 37 99

1990 Feb-28 29 66 Mar-28 2 5

1991 Feb-25 52 123 Mar-26 45 117

1992 Feb-27 39 105 Apr-02 0 0

1993 Mar-02 20 51 Mar-31 0 0

1994 Mar-02 63 141 Mar-30 24 75

1995 Mar-01 37 71 Mar-29 14 30

1996 Feb-28 48 126 Mar-28 29 85

1997 Feb-27 52 118 Mar-27 37 109

1998 Mar-05 33 60 Mar-29 0 0

1999 Feb-26 55 127 Apr-01 31 108

CONTINUE WITH STATION: LITTLE SMOKY

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 24 13 23 1

AVERAGE 40 87 37 82 23 59 44 114

MEDIAN 78 84 64 114

MAX.W.E. 1994 141 1982 146 1982 164 1982 114

MIN.W.E. 1986 33 1981 0 1981 0 1982 114

ST. DEV. 16 33 20 45 23 54

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION LODGEPOLE ID CODE 07BA802

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 30M LONGITUDE 115D 21M ELEVATION 850 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1961 Mar-15 28 41

1962 Mar-16 40 107

1963 Mar-13 27 69

1964 Mar-10 24 46

1965 Mar-25 42 107

1966 Mar-25 45 109

1967 Mar-14 47 86

1968

1969 Mar-13 45 66

1970 Mar-18 33 74

1971 Mar-08 47 119

1972 Mar-20 30 102

1973 Mar-16 36 86

1974 Mar-05 71 137 Apr-04 66 165

1975 Jan-20 20 33 Feb-24 33 61 Apr-07 31 71

1976 Mar-01 40 81 Mar-16 46 99

1977 Feb-28 27 76 Mar-15 21 69 Mar-28 20 53

1978 Feb-28 29 79 Mar-14 27 76 Mar-28 0 0

1979 Feb-27 36 69 Mar-12 10 33 Mar-26 0 0

1980 Feb-26 41 109 Mar-12 56 119 Mar-26 44 137

1981 Feb-24 21 51 Mar-16 5 28 Apr-02 0 0

1982 Feb-01 57 104 Feb-25 56 119 Mar-15 69 157 Mar-30 60 157 Apr-14 49 153

1983 Feb-28 28 42 Mar-15 26 59 Mar-28 32 74

1984 Feb-29 37 82 Mar-15 42 92 Mar-29 17 49

1985 Feb-28 53 137 Mar-14 49 134 Mar-25 40 123

1986 Feb-25 23 49 Mar-19 12 42 Apr-02 5 18

1987 Feb-24 35 61 Mar-24 37 73

1988 Feb-22 16 31 Mar-31 0 0

1989 Feb-27 49 85 Mar-28 40 98

1990 Feb-26 31 80 Mar-26 22 63

1991 Feb-25 45 107 Mar-28 48 135

1992 Feb-25 35 80 Mar-31 0 0

1993 Feb-26 32 67 Mar-30 11 36

1994 Feb-22 51 98 Mar-28 22 69

1995 Feb-27 23 45 Mar-29 12 33

1996 Feb-26 41 98 Mar-27 32 89

1997 Feb-25 49 106 Mar-24 53 128

1998 Feb-26 17 30 Mar-30 6 19

1999 Mar-03 67 140 Mar-31 57 131

CONTINUE WITH STATION: LODGEPOLE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 2 26 21 27 1

AVERAGE 39 69 38 82 34 81 27 72 49 153

MEDIAN 69 80 76 71 153

MAX.W.E. 1982 104 1999 140 1982 157 1974 165 1982 153

MIN.W.E. 1975 33 1998 30 1981 28 1978 0 1982 153

ST. DEV. 14 32 16 34 21 53

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION LOUGHEED ID CODE 05FB801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 40M LONGITUDE 111D 33M ELEVATION 670 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-12 27 36

1974 Mar-29 59 119

1975 Feb-26 26 56 Apr-03 42 89

1976 Mar-02 34 58 Mar-16 26 56

1977 Mar-01 19 38 Mar-15 13 30

1978 Mar-01 36 74 Mar-14 35 79 Mar-28 16 53

1979 Mar-01 32 61 Mar-13 20 56 Mar-28 10 30

1980 Feb-28 28 41 Mar-13 30 48 Mar-28 36 56

1981 Feb-25 21 30 Mar-18 0 0 Mar-30 0 0

1982 Mar-01 43 66 Mar-17 39 76 Mar-31 27 71

1983 Mar-01 25 30 Mar-14 17 36 Mar-28 8 13

1984 Mar-01 25 53 Mar-16 27 53 Mar-26 2 4

1985 Feb-26 30 69 Mar-12 28 75 Mar-26 18 52

1986 Feb-25 26 47 Mar-18 3 10 Apr-02 0 0

1987 Mar-02 28 58 Mar-30 28 79

1988 Feb-24 8 15 Mar-29 19 45

1989 Feb-27 22 60 Mar-28 20 53

1990 Feb-27 26 57 Mar-27 21 68

1991 Feb-26 5 14 Mar-25 1 4

1992 Feb-26 32 71 Apr-01 0 0

1993 Feb-25 28 56 Mar-30 12 29

1994 Feb-28 44 83 Mar-28 12 38

1995 Feb-27 18 35 Mar-28 2 5

1996 Feb-26 35 68 Mar-29 22 70

1997 Feb-26 46 104 Mar-25 35 90

1998 Feb-26 15 23 Mar-31 0 0

1999 Mar-01 34 84 Mar-29 2 5

CONTINUE WITH STATION: LOUGHEED

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 25 12 24

AVERAGE 27 54 22 46 16 41

MEDIAN 57 51 42

MAX.W.E. 1997 104 1978 79 1974 119

MIN.W.E. 1991 14 1981 0 1981 0

ST. DEV. 10 22 12 25 16 35

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION MANNVILLE ID CODE 05FE801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 10M LONGITUDE 111D 12M ELEVATION 670 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-13 36 66

1974 Mar-06 47 104 Mar-27 52 109

1975 Feb-27 27 56

1976 Mar-16 10 20

1977 Feb-28 13 36 Mar-14 0 0 Mar-28 0 0

1978 Mar-01 34 66 Mar-14 29 69 Mar-28 14 38

1979 Mar-01 40 69 Mar-13 29 58 Mar-28 14 38

1980 Feb-27 23 36 Mar-13 24 43 Mar-27 37 61

1981 Feb-25 22 30 Mar-18 11 35 Apr-02 0 0

1982 Mar-01 32 56 Mar-17 40 81 Mar-31 31 71

1983 Mar-01 22 36 Mar-14 17 37 Mar-28 16 47

1984 Mar-01 27 61 Mar-16 30 73 Mar-28 6 17

1985 Feb-28 23 60 Mar-14 21 60 Mar-27 2 6

1986 Feb-28 21 58 Mar-18 16 52 Apr-02 0 0

1987 Mar-04 20 32 Apr-01 19 61

1988 Feb-25 0 0 Mar-29 8 19

1989 Feb-27 9 21

1990 Mar-01 9 25 Mar-29 0 0

1991 Mar-01 2 3 Mar-27 0 0

1992 Mar-02 18 57 Apr-01 0 0

1993 Feb-24 14 33 Mar-30 13 21

1994 Mar-01 40 91 Mar-29 19 60

1995 Feb-27 25 47 Mar-31 1 5

1996 Feb-26 18 43 Mar-28 7 21

1997 Feb-26 37 101 Mar-25 26 76

1998 Feb-25 25 36 Mar-31 1 5

1999 Mar-03 34 71 Mar-31 6 18

CONTINUE WITH STATION: MANNVILLE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 25 12 23

AVERAGE 23 49 22 50 12 29

MEDIAN 47 55 19

MAX.W.E. 1974 104 1982 81 1974 109

MIN.W.E. 1988 0 1977 0 1977 0

ST. DEV. 12 26 12 24 14 31

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION MAYERTHORPE S.P. ID CODE 07BB809

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 52M LONGITUDE 115D 19M ELEVATION 760 METRES

REMARKS SNOW PILLOW SITE, DISCONTINUED IN 1993

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1982 Feb-01 64 114 Feb-26 60 114 Mar-15 71 152 Mar-30 57 150 Apr-08 61 157

1983 Jan-24 15 23 Mar-02 22 36 Mar-15 30 51 Mar-29 21 59

1984 Feb-03 30 43 Feb-28 31 54 Mar-15 37 71 Mar-29 6 18

1985 Feb-06 50 80 Feb-27 48 108 Mar-14 41 100 Mar-29 36 95

1986 Jan-29 19 38 Feb-25 20 38 Mar-18 20 58 Apr-02 3 8

1987 Jan-27 14 33 Mar-03 21 39 Mar-31 9 30

1988 Mar-01 14 32 Mar-16 0 0 Mar-30 0 0

1989 Feb-06 31 52 Mar-01 31 52 Mar-31 25 71

1990 Jan-31 29 54 Feb-27 27 65 Mar-28 4 10

1991 Feb-01 39 69 Feb-27 38 89 Mar-27 34 95

1992 Jan-29 40 81 Mar-04 34 95 Apr-02 0 0

1993 Jan-29 25 41 Feb-24 29 46 Mar-29 7 25

1994 Mar-02 56 126 Mar-29 36 140

1995 Feb-28 27 57 Mar-28 12 41

1996 Feb-29 54 138 Mar-27 47 144

1997 Feb-26 52 119 Mar-25 48 130

1998 Feb-25 12 15 Mar-31 0 0

1999 Mar-02 55 118 Mar-30 46 112

NO. YRS. 11 18 6 18 1

AVERAGE 32 57 35 75 33 72 22 63 61 157

MEDIAN 52 61 65 50 157

MAX.W.E. 1982 114 1996 138 1982 152 1982 150 1982 157

MIN.W.E. 1983 23 1998 15 1988 0 1988 0 1982 157

ST. DEV. 15 27 15 39 20 55

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION MEADOWVIEW ID CODE 07BB803

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 00M LONGITUDE 114D 40M ELEVATION 670 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1960 Mar-16 30 43

1961 Mar-08 36 81

1962 Mar-20 42 84

1963 Mar-08 42 66

1964 Mar-12 26 41

1965 Mar-24 55 145

1966 Mar-23 40 109

1967 Mar-10 33 58

1968

1969 Mar-13 43 66

1970 Mar-19 39 79

1971 Mar-10 59 127

1972 Mar-21 34 79

1973 Mar-14 31 48

1974 Mar-07 62 137 Apr-04 61 160

1975 Feb-25 34 63 Apr-10 43 97

1976 Mar-03 35 76 Mar-19 27 66

1977 Mar-02 28 86 Mar-17 24 76 Mar-30 19 61

1978 Mar-02 28 66 Mar-15 25 69 Mar-29 0 0

1979 Feb-27 46 81 Mar-14 25 64 Mar-28 0 0

1980 Feb-27 36 71 Mar-13 42 86 Mar-27 34 84

1981 Feb-25 28 54 Mar-17 21 55 Mar-31 9 25

1982 Feb-26 54 104 Mar-16 61 132 Mar-30 54 124

1983 Mar-02 16 30 Mar-15 20 46 Mar-29 20 54

1984 Feb-28 23 46 Mar-15 30 58 Mar-29 6 15

1985 Feb-27 43 113 Mar-14 39 109 Mar-29 21 64

1986 Feb-27 17 36 Mar-17 8 22 Apr-03 0 0

1987 Mar-04 21 42 Apr-01 12 36

1988 Feb-26 8 18 Mar-31 0 0

1989 Feb-28 25 52 Mar-31 20 55

1990 Feb-28 14 26 Mar-28 0 0

1991 Feb-27 28 67 Mar-28 31 102

1992 Apr-03 0 0

1993 Feb-25 27 60 Mar-30 1 5

1994 Mar-02 54 130 Mar-29 28 121

1995 Mar-01 28 54 Mar-29 12 36

1996 Feb-29 45 102 Mar-27 31 103

1997 Feb-26 56 127 Mar-25 51 154

1998 Feb-25 18 29 Apr-01 0 0

1999 Mar-02 56 128 Mar-30 38 132

CONTINUE WITH STATION: MEADOWVIEW

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 25 22 26 1

AVERAGE 33 72 34 71 21 61 43 97

MEDIAN 66 66 55 97

MAX.W.E. 1974 137 1982 132 1974 160 1975 97

MIN.W.E. 1988 18 1986 22 1978 0 1975 97

ST. DEV. 15 36 12 27 20 56

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION MITCHELL CK LOW. ID CODE 05AH806

BASIN SOUTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 49D 40M LONGITUDE 110D 19M ELEVATION 1230 METRES

REMARKS NON-STD. DATES

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1982 Jan-20 26 48 Feb-18 35 102 Mar-22 47 109 Apr-12 41 117

1983 Jan-25 26 46 Feb-22 16 69

1984 Jan-24 36 74 Feb-22 36 109

1985 Jan-22 38 84 Feb-20 51 119

1986 Jan-23 26 74 Feb-17 36 99

1987 Jan-23 35 89 Feb-16 32 99

1988 Jan-20 25 61 Feb-16 26 76 Mar-24 14 81

1989 Jan-27 33 81 Feb-22 48 104 Mar-22 39 122

1990 Jan-23 21 79 Feb-21 34 81

1991 Jan-23 33 64 Feb-22 35 84

1992 Jan-22 26 51 Feb-19 8 28

1993 Jan-20 36 102 Feb-17 23 61

1994 Jan-27 31 84 Feb-17 41 122

1995 Jan-17 12 23 Feb-22 0 0

1996 Jan-22 31 56 Feb-21 24 79

1997 Jan-21 34 81 Feb-25 37 86 0 0

1998 Jan-20 16 27 Feb-17 7 20 0 0

1999 Jan-20 42 99 Feb-17 40 107

NO. YRS. 18 18 3 3

AVERAGE 29 68 29 80 33 104 14 39

MEDIAN 74 85 109 0

MAX.W.E. 1993 102 1994 122 1989 122 1982 117

MIN.W.E. 1995 23 1995 0 1988 81 1997 0

ST. DEV. 8 23 14 34

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION MITCHELL CK UPP. ID CODE 05AH807

BASIN SOUTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 49D 37M LONGITUDE 110D 18M ELEVATION 1450 METRES

REMARKS NON-STD. DATES

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1982 Jan-20 39 69 Mar-22 76 180

1983 Jan-25 32 74 Feb-22 31 81

1984 Jan-25 39 79 Feb-21 35 89

1985 Jan-23 45 94 Feb-19 50 114

1986 Jan-22 27 91 Feb-18 36 86

1987 Jan-22 37 94 Feb-16 33 89

1988 Jan-20 28 64 Feb-16 32 91 Mar-24 31 101

1989 Jan-26 33 58 Feb-21 45 97

1990 Jan-22 29 84 Feb-20 37 89

1991 Jan-22 33 69 Feb-21 41 91

1992 Jan-21 22 51 Feb-18 20 56

1993 Jan-19 32 74 Feb-16 30 76

1994 Jan-28 44 102 Feb-16 56 142

1995 Jan-17 17 30 Feb-22 5 12

1996 Feb-20 32 81

1997 Jan-20 41 94 Feb-24 47 132 0 0

1998 Jan-19 14 24 Feb-17 8 20 0 0

1999 Jan-19 42 97 Feb-16 45 117

NO. YRS. 17 17 2 2

AVERAGE 33 73 34 86 54 141 0 0

MEDIAN 74 89 141 0

MAX.W.E. 1994 102 1994 142 1982 180 1998 0

MIN.W.E. 1998 24 1995 12 1988 101 1997 0

ST. DEV. 9 23 14 34

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION MORINVILLE ID CODE 05EA802

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 51M LONGITUDE 113D 29M ELEVATION 700 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-19 18 36

1974 Mar-05 57 130 Apr-06 61 170

1975 Jan-27 19 38 Feb-27 24 48 Apr-09 27 58

1976 Feb-02 22 53 Mar-16 22 56

1977 Mar-01 18 53 Mar-15 23 66 Mar-29 21 66

1978 Mar-02 25 61 Mar-13 22 58 Mar-27 6 20

1979 Feb-27 30 64 Mar-14 20 71 Mar-26 6 15

1980 Feb-26 17 33 Mar-12 19 36 Mar-26 27 63

1981 Feb-23 15 30 Mar-16 7 20 Mar-31 0 0

1982 Feb-25 24 46 Mar-15 42 94 Mar-29 40 97

1983 Mar-01 9 17 Mar-14 17 36 Mar-28 12 32

1984 Feb-27 17 44 Mar-14 12 25 Mar-28 0 0

1985 Feb-26 27 85 Mar-12 21 65 Mar-28 3 13

1986 Feb-27 9 28 Mar-13 6 15 Apr-02 0 0

1987 Mar-02 8 13 Mar-30 9 26

1988 Feb-26 0 0 Mar-29 0 0

1989 Feb-28 12 24 Mar-29 13 48

1990 Feb-26 8 23 Mar-27 0 0

1991 Mar-04 13 21 Mar-26 5 12

1992 Mar-04 24 75 Apr-01 0 0

1993 Feb-26 13 26 Apr-01 0 0

1994 Feb-28 41 91 Mar-28 14 48

1995 Feb-27 20 51 Mar-27 0 0

1996 Feb-27 35 97 Mar-26 16 54

1997 Feb-25 42 94 Mar-26 38 119

1998 Feb-24 18 28 Mar-30 3 8

1999 Mar-01 41 90 Mar-29 27 86

CONTINUE WITH STATION: MORINVILLE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 12 24 1

AVERAGE 19 38 22 51 19 48 13 37 27 58

MEDIAN 38 47 46 18 58

MAX.W.E. 1975 38 1974 130 1982 94 1974 170 1975 58

MIN.W.E. 1975 38 1988 0 1986 15 1981 0 1975 58

ST. DEV. 13 32 9 24 16 45

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION NORDEGG ID CODE 16W01X

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 24M LONGITUDE 116D 08M ELEVATION 1060 METRES

REMARKS CONT. 16W01 1986

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-22 43 89

1974 Mar-30 46 109

1975 Feb-27 28 41 Apr-09 37 54

1976 Mar-03 30 30 Mar-16 40 81 Apr-01 31 74

1977 Mar-01 24 46 Mar-30 23 48

1978 Feb-23 25 46 Mar-13 27 41 Mar-28 23 56

1979 Feb-26 31 46 Mar-12 24 46 Mar-29 22 46

1980 Feb-26 46 90 Mar-11 46 86 Mar-28 46 104

1981 Feb-24 3 6 Mar-18 5 15 Mar-31 0 0

1982 Mar-02 36 61 Mar-17 41 76 Mar-29 48 97

1983 Mar-02 29 62 Mar-14 24 57 Mar-29 30 75

1984 Feb-27 29 71 Mar-14 43 91 Mar-28 32 86

1985 Feb-27 38 84 Mar-13 39 86 Mar-27 35 83

NO. YRS. 11 10 11 1

AVERAGE 29 53 33 67 31 71 37 54

MEDIAN 46 79 75 54

MAX.W.E. 1980 90 1984 91 1974 109 1975 54

MIN.W.E. 1981 6 1981 15 1981 0 1975 54

ST. DEV. 11 24 13 26 14 32

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION NORTH STAR ID CODE 07HC801

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 56D 52M LONGITUDE 117D 38M ELEVATION 490 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-21 27 89

1974 Mar-06 56 74 Mar-27 63 107

1975

1976 Mar-02 10 30 Mar-16 8 23

1977 Mar-01 5 23 Mar-15 0 0 Mar-31 0 0

1978 Feb-28 11 36 Mar-14 18 36

1979 Feb-28 48 86 Mar-13 47 99 Mar-26 34 81

1980 Feb-28 0 0 Mar-13 4 12 Apr-01 0 0

1981 Feb-26 5 14 Mar-17 0 0 Mar-30 0 0

1982 Mar-01 40 64 Mar-15 38 75 Mar-30 40 95

1983 Mar-02 39 74 Mar-15 34 75 Mar-30 35 80

1984 Feb-28 0 0 Mar-12 0 0 Mar-27 0 0

1985 Feb-28 5 20

1986 Mar-04 0 0 Mar-17 9 11 Apr-01 0 0

1987 Mar-02 14 22 Apr-01 4 16

1988 Feb-29 0 0 Mar-28 0 0

1989 Feb-27 4 10 Mar-28 22 34

1990 Feb-22 14 29 Mar-29 11 5

1991 Feb-25 13 30 Mar-26 2 6

1992 Feb-25 27 85 Apr-01 0 0

1993 Feb-24 4 4 Mar-29 0 0

1994 Feb-28 44 93 Mar-16 7 23 Mar-29 0 0

1995 Feb-27 16 19 Mar-27 18 43

1996 Feb-27 57 127 Mar-27 28 105

1997 Feb-25 49 112 Mar-25 38 107

1998 Mar-03 20 30 Mar-31 0 0

1999 Feb-24 27 48 Mar-30 14 23

CONTINUE WITH STATION: NORTH STAR

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 25 12 22

AVERAGE 20 41 16 37 14 32

MEDIAN 30 23 6

MAX.W.E. 1996 127 1979 99 1997 107

MIN.W.E. 1980 0 1977 0 1977 0

ST. DEV. 19 38 17 37 18 42

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION OBED ID CODE 07AD801

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 34M LONGITUDE 117D 13M ELEVATION 1090 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-21 56 119

1974 Mar-08 59 140 Apr-05 68 173

1975 Feb-24 31 58 Apr-07 34 76

1976 Mar-02 50 104 Mar-17 59 145

1977 Mar-01 0 0 Mar-16 0 0 Mar-29 8 18

1978 Feb-28 34 79 Mar-14 30 71 Mar-28 23 53

1979 Feb-27 35 69 Mar-13 11 28 Mar-26 0 0

1980 Feb-27 41 97 Mar-13 55 104 Mar-26 46 135

1981 Feb-24 17 38 Mar-16 9 28 Apr-02 3 10

1982 Mar-01 78 165 Mar-17 79 178 Mar-30 78 196

1983 Feb-28 18 29 Mar-15 23 45 Mar-28 29 63

1984 Feb-29 27 76 Mar-15 36 91 Mar-29 17 50

1985 Feb-28 36 92 Mar-14 32 85 Mar-28 20 58

1986 Feb-24 25 48 Mar-19 9 28 Apr-02 1 4

1987 Feb-24 23 39 Mar-24 15 39

1988 Feb-22 18 38 Mar-28 0 0

1989 Mar-02 42 79 Mar-28 45 97

1990 Feb-26 23 55 Mar-26 12 36

1991 Feb-25 31 79 Mar-25 33 92

1992 Feb-25 32 97 Mar-31 1 3

1993 Feb-23 29 63 Mar-30 19 47

1994 Feb-22 65 142 Mar-28 31 104

1995 Feb-27 11 23 Mar-29 5 15

1996 Feb-29 32 92 Mar-27 12 37

1997 Feb-25 44 99 Mar-24 48 123

1998 Feb-26 15 29 Mar-30 17 53

1999 Mar-01 51 112 Mar-29 34 100

CONTINUE WITH STATION: OBED

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 25 13 25

AVERAGE 32 72 35 82 24 63

MEDIAN 76 85 53

MAX.W.E. 1982 165 1982 178 1982 196

MIN.W.E. 1977 0 1977 0 1979 0

ST. DEV. 17 38 25 54 21 53

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION ONOWAY ID CODE 05EA803

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 43M LONGITUDE 114D 10M ELEVATION 700 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-14 28 53

1974 Mar-05 63 109 Apr-05 78 196

1975 Feb-28 26 53 Apr-10 35 81

1976 Mar-03 28 56 Mar-19 20 61

1977 Mar-02 19 56 Mar-17 13 36 Mar-30 0 0

1978 Mar-02 22 53 Mar-16 16 38 Mar-29 0 0

1979 Feb-23 31 64 Mar-15 5 8 Mar-26 0 0

1980 Feb-27 23 46 Mar-13 34 74 Mar-27 27 76

1981 Feb-25 18 33 Mar-17 10 29 Mar-31 0 0

1982 Feb-26 42 81 Mar-16 54 112 Mar-30 45 107

1983 Mar-03 11 15 Mar-15 13 22 Mar-29 1 2

1984 Feb-28 17 37 Mar-15 19 44 Mar-29 0 0

1985 Feb-27 38 115 Mar-14 36 112 Mar-29 20 63

1986 Feb-25 17 33 Mar-19 3 10 Apr-02 0 0

1987 Mar-04 17 32 Apr-01 9 17

1988 Feb-26 6 11 Mar-31 0 0

1989 Feb-28 29 58 Mar-29 21 69

1990 Feb-28 13 32 Mar-29 0 0

1991 Feb-27 31 83 Mar-28 21 73

1992 Mar-02 24 66 Apr-03 0 0

1993 Feb-24 20 36 Apr-01 0 0

1994 Feb-28 52 103 Mar-28 23 85

1995 Mar-01 20 43 Mar-29 0 0

1996 Feb-29 37 108 Mar-26 23 65

1997 Feb-25 47 118 Mar-26 44 138

1998 Feb-26 13 20 Apr-01 0 0

1999 Mar-03 52 107 Mar-31 28 99

CONTINUE WITH STATION: ONOWAY

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 12 24 1

AVERAGE 28 60 21 50 14 41 35 81

MEDIAN 55 41 1 81

MAX.W.E. 1997 118 1985 112 1974 196 1975 81

MIN.W.E. 1988 11 1979 8 1977 0 1975 81

ST. DEV. 14 33 15 35 20 55

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION PADDLE RIVER ID CODE (TEMP)

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 52M LONGITUDE 115D 19M ELEVATION 760 METRES

REMARKS DISCONTINUED 1983

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1974 Feb-06 72 130 Mar-08 66 142 Apr-02 74 188 Apr-15 39 137

1975 Mar-12 37 69 Mar-27 38 69 Apr-10 42 89

1976 Jan-28 34 66 Feb-26 40 76 Mar-17 38 89 Mar-29 30 84

1977 Mar-03 37 86 Mar-17 32 81 Mar-28 32 86

1978 Mar-01 36 71 Mar-15 36 71 Mar-29 16 53

1979 Jan-30 25 41 Feb-23 44 79 Mar-12 24 48 Mar-26 10 23

1980 Feb-27 40 74 Mar-13 57 97 Mar-27 43 97

1981 Feb-25 28 55 Mar-17 14 40 Mar-31 5 13

1982 Feb-01 62 109 Feb-26 59 117 Mar-15 68 142 Mar-30 55 142 Apr-24 27 94

NO. YRS. 4 7 9 9 3

AVERAGE 48 87 41 80 41 87 34 84 36 107

MEDIAN 88 76 81 84 94

MAX.W.E. 1974 130 1982 117 1982 142 1974 188 1974 137

MIN.W.E. 1979 41 1981 55 1981 40 1981 13 1975 89

ST. DEV.

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION PADDLE RIVER H.W. ID CODE 15V08

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 52M LONGITUDE 115D 32M ELEVATION 855 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1993 Jan-29 26 39 Feb-24 21 42 Mar-29 8 27

1994 Dec-30 8 15 Feb-01 49 117 Mar-02 60 134 Mar-29 39 123

1995 Feb-02 26 54 Feb-28 28 70 Mar-28 27 69

1996 Feb-29 49 134 Mar-27 40 125

1997 Feb-04 54 134 Feb-26 56 128 Mar-25 59 166

1998 Jan-29 15 21 Feb-25 11 15 Mar-31 7 15

1999 Jan-28 54 112 Mar-02 63 137 Mar-30 63 155

NO. YRS. 1 6 7 7

AVERAGE 8 15 37 80 41 94 35 97

MEDIAN 15 83 128 123

MAX.W.E. 1994 15 1997 134 1999 137 1997 166

MIN.W.E. 1994 15 1998 21 1998 15 1998 15

ST. DEV.

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION PADDLE RIVER H.W. PI ID CODE 15V08S

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 52M LONGITUDE 115D 32M ELEVATION 855 METRES

REMARKS SNOW PILLOW SITE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1993 Jan-01 24 Feb-01 32 Mar-01 37 Mar-15 33 Apr-01 31 Apr-15 0

1994 Mar-01 128 Apr-01 127

1995 Feb-01 51 Mar-01 70 Apr-01 77

1996 Mar-01 123

1997 Mar-01 119

1998 Mar-02 0 28 Apr-01 0 62

1999 Feb-01 127 Mar-01 146 Apr-01 181

NO. YRS. 1 3 7 1 5 1

AVERAGE 24 70 0 93 33 0 96 0

MEDIAN 24 51 119 33 77 0

MAX.W.E. 1993 24 1999 127 1999 146 1993 33 1999 181 1993 0

MIN.W.E. 1993 24 1993 32 1998 28 1993 33 1993 31 1993 0

ST. DEV.

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION PERRYVALE ID CODE 07CA802

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 28M LONGITUDE 113D 10M ELEVATION 670 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-16 31 48

1974 Mar-04 66 137 Mar-28 68 150

1975 Jan-24 28 48 Feb-26 35 48 Apr-08 43 76

1976 Mar-02 31 66 Mar-16 34 79

1977 Feb-28 26 61 Mar-15 36 76 Mar-29 31 79

1978 Feb-28 27 61 Mar-13 25 63 Mar-27 24 66

1979 Feb-28 53 94 Mar-12 35 91 Mar-27 24 71

1980 Feb-26 21 36 Mar-12 29 48 Mar-26 25 48

1981 Feb-23 24 56 Mar-16 20 48 Mar-31 0 0

1982 Feb-25 30 58 Mar-15 44 94 Mar-29 39 84

1983 Feb-28 21 32 Mar-15 23 37 Mar-29 19 36

1984 Feb-28 22 50 Mar-14 25 51 Mar-27 4 12

1985 Feb-26 45 116 Mar-12 39 118 Mar-28 32 105

1986 Feb-26 30 59 Mar-20 30 89 Apr-02 18 52

1987 Mar-03 33 58 Mar-31 26 65

1988 Feb-24 15 27 Mar-30 1 5

1989 Mar-01 31 58 Mar-29 39 94

1990 Feb-28 30 74 Mar-28 19 60

1991 Feb-25 24 53 Mar-25 20 66

1992 Feb-26 44 97 Mar-31 0 0

1993 Feb-25 29 56 Mar-31 0 0

1994 Mar-02 56 121 Mar-30 37 122

1995 Mar-01 33 65 Mar-30 0 0

1996 Feb-27 36 81 Mar-27 19 53

1997 Feb-27 53 111 Mar-24 55 137

1998 Feb-24 18 29 Mar-30 1 2

1999 Mar-01 47 94 Mar-29 19 61

CONTINUE WITH STATION: PERRYVALE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 12 24 1

AVERAGE 28 48 34 69 31 70 22 57 43 76

MEDIAN 48 60 70 61 76

MAX.W.E. 1975 48 1974 137 1985 118 1974 150 1975 76

MIN.W.E. 1975 48 1988 27 1983 37 1981 0 1975 76

ST. DEV. 13 29 7 25 18 45

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION PIPESTONE CREEK ID CODE 05FA802

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 04M LONGITUDE 113D 49M ELEVATION 790 METRES

REMARKS DISCONTINUED 1988

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1976 Jan-28 25 61 Feb-26 32 61 Mar-16 37 91

1977 Feb-28 22 53 Mar-15 0 0 Mar-28 0 0

1978 Feb-27 26 74 Mar-16 20 51 Mar-28 0 0

1979 Feb-01 23 43 Feb-26 33 64 Mar-12 9 25 Mar-26 0 0

1980 Feb-28 38 76 Mar-11 48 97 Mar-28 34 104

1981 Jan-27 12 30 Feb-26 11 18 Mar-18 0 0

1982 Feb-01 54 79 Mar-01 59 102 Mar-17 63 137 Mar-31 50 124 Apr-15 43 128

1983 Mar-02 17 28 Mar-15 9 24 Mar-30 10 39

1984 Feb-03 31 71 Feb-29 23 51 Mar-16 24 53 Mar-29 2 6

1985 Feb-05 27 46 Feb-28 18 48 Mar-14 14 46 Mar-29 5 14

1986 Feb-24 23 47 Mar-20 5 18 Apr-04 0 0

1987 Mar-04 7 13 Apr-01 3 11

NO. YRS. 6 12 11 10 1

AVERAGE 29 55 26 53 21 49 10 30 43 128

MEDIAN 54 52 46 9 128

MAX.W.E. 1982 79 1982 102 1982 137 1982 124 1982 128

MIN.W.E. 1981 30 1987 13 1977 0 1977 0 1982 128

ST. DEV. 14 25 21 43 17 46

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION ROSS CREEK LOW. ID CODE 05AH804

BASIN SOUTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 49D 41M LONGITUDE 110D 16M ELEVATION 1220 METRES

REMARKS NON-STD. DATES

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1980 Jan-25 21 38 Feb-20 24 56 Mar-12 22 79

1981

1982 Jan-20 19 41 Feb-18 35 86 Mar-22 41 104

1983 Jan-26 27 58 Feb-22 19 69

1984 Jan-24 32 74 Feb-22 28 107

1985 Jan-22 39 104 Feb-20 35 102

1986 Jan-23 27 71 Feb-17 42 107

1987 Jan-23 36 71 Feb-16 29 86

1988 Jan-20 20 38 Feb-16 22 61

1989 Jan-27 30 66 Feb-22 52 117 Mar-22 54 150

1990 Jan-22 28 84 Feb-21 44 122

1991 Jan-23 41 89 Feb-22 45 112

1992 Jan-22 26 53 Feb-19 10 33

1993 Jan-20 34 89 Feb-17 29 74

1994 Jan-27 40 97 Feb-17 54 155

1995 Jan-17 14 28 Feb-22 0 0

1996 Jan-22 30 53 Feb-21 21 76

1997 Jan-21 38 91 Feb-25 37 89

1998 Jan-20 16 27 Feb-17 12 28 0 0

1999 Jan-20 40 89 Feb-17 42 114

NO. YRS. 19 19 3 1

AVERAGE 29 66 31 84 39 111 0 0

MEDIAN 71 86 104 0

MAX.W.E. 1985 104 1994 155 1989 150 1998 0

MIN.W.E. 1998 27 1995 0 1980 79 1998 0

ST. DEV. 9 24 15 37

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION ROSS CREEK UPP. ID CODE 05AH808

BASIN SOUTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 49D 40M LONGITUDE 110D 14M ELEVATION 1430 METRES

REMARKS NON-STD. DATES

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1982 Jan-20 35 66 Mar-22 61 163 Apr-12 61 150

1983 Jan-25 36 84 Feb-22 26 81

1984 Jan-25 38 81 Feb-21 43 122

1985 Feb-19 49 97

1986 Jan-22 35 102 Feb-18 47 109

1987 Jan-22 36 89 Feb-16 34 107

1988 Jan-21 26 71 Feb-17 36 86

1989 Jan-26 40 84 Feb-21 55 112

1990 Feb-20 43 109

1991 Jan-22 40 86 Feb-21 48 122

1992 Jan-21 26 51 Feb-18 24 76

1993 Jan-19 31 69 Feb-16 33 71

1994 Jan-28 34 84 Feb-16 41 97

1995 Jan-17 14 30 Feb-22 0 0

1996 Feb-20 17 53

1997 Jan-21 35 81 Feb-24 32 89

1998 Jan-19 12 20 Feb-17 7 15 0 0

1999 Jan-19 38 79 Feb-16 37 91

NO. YRS. 15 17 1 2

AVERAGE 32 72 34 85 61 163 31 75

MEDIAN 81 91 163 75

MAX.W.E. 1986 102 1991 122 1982 163 1982 150

MIN.W.E. 1998 20 1995 0 1982 163 1998 0

ST. DEV. 9 22 15 34

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION RYCROFT ID CODE 07FD803

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 55D 42M LONGITUDE 118D 44M ELEVATION 630 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 30 66

1974 Mar-07 54 127 Mar-27 76 155

1975 Jan-29 18 28 Feb-25 15 36

1976 Mar-01 17 30 Mar-15 18 43

1977 Feb-28 13 48 Mar-14 4 13 Mar-29 3 15

1978 Feb-27 21 43 Mar-14 12 38

1979 Feb-28 64 104 Mar-14 36 97 Mar-27 25 76

1980 Feb-28 0 0 Mar-13 8 14 Apr-01 0 0

1981 Feb-26 13 38 Mar-17 0 0 Mar-30 0 0

1982 Mar-02 57 116 Mar-16 58 126 Mar-31 62 146 Apr-15 46 124

1983 Mar-01 24 37 Mar-15 22 54 Mar-30 33 58

1984 Feb-29 0 0 Mar-12 7 8 Mar-27 0 0

1985 Feb-28 10 37 Mar-15 27 Mar-29 0 0

1986 Mar-03 0 0 Mar-07 5 15 Apr-01 0 0

1987 Mar-02 12 15 Apr-01 0 0

1988 Feb-29 0 0 Mar-28 0 0

1989 Feb-27 13 18 Mar-28 34 41

1990 Feb-22 22 43 Mar-29 0 0

1991 Feb-25 4 10 Mar-26 0 0

1992 Feb-25 36 98 Apr-01 0 0

1993 Mar-01 0 0 Mar-29 0 0

1994 Feb-28 73 149 Mar-16 32 109 Mar-28 25 95

1995 Feb-27 29 48 Mar-27 28 55

1996 Feb-27 40 116 Mar-27 17 55

1997 Feb-25 43 103 Mar-25 42 133

1998 Mar-02 23 36 Mar-30 0 0

1999 Feb-23 33 62 Mar-29 24 84

CONTINUE WITH STATION: RYCROFT

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 13 23 1

AVERAGE 18 28 24 51 19 47 16 40 46 124

MEDIAN 28 38 38 0 124

MAX.W.E. 1975 28 1994 149 1982 126 1974 155 1982 124

MIN.W.E. 1975 28 1980 0 1981 0 1980 0 1982 124

ST. DEV. 21 45 17 41 22 52

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION SAULTEAUX RIVER ID CODE 07BK801

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 55D 10M LONGITUDE 114D 14M ELEVATION 570 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-19 42 84

1974 Mar-04 80 112 Mar-28 90 198

1975 Jan-24 37 43 Feb-25 41 74 Apr-08 50 89

1976 Mar-03 36 76 Mar-16 36 61

1977 Mar-01 38 79 Mar-15 38 76 Mar-29 42 94

1978 Feb-28 40 69 Mar-14 40 74 Apr-02 12 30

1979 Feb-26 62 99 Mar-13 44 86 Mar-27 36 74

1980 Feb-26 23 43 Mar-12 38 48 Mar-26 20 43

1981 Feb-24 32 57 Mar-16 30 71 Mar-30 12 23

1982 Feb-25 52 84 Mar-15 58 109 Mar-29 62 124

1983 Mar-01 26 38 Mar-14 34 52 Mar-28 31 61

1984 Feb-27 27 53 Mar-14 27 52 Mar-28 5 5

1985 Feb-26 46 96 Mar-13 35 94 Mar-28 32 97

1986 Feb-26 36 69 Mar-13 30 72 Apr-02 14 33

1987 Mar-02 39 62 Mar-30 36 79

1988 Feb-29 28 51 Mar-29 4 6

1989 Mar-03 44 78 Mar-30 42 80

1990 Feb-26 37 66 Mar-27 15 31

1991 Feb-25 41 88 Mar-26 20 50

1992 Mar-03 27 99 Apr-01 13 44

1993 Feb-25 28 57 Mar-31 0 0

1994 Mar-01 62 132 Mar-29 38 135

1995 Feb-27 43 73 Mar-27 15 41

1996 Feb-28 47 123 Mar-26 31 97

1997 Feb-27 50 113 Mar-24 49 118

1998 Feb-25 23 43 Mar-31 9 20

1999 Mar-01 40 83 Mar-29 25 86

CONTINUE WITH STATION: SAULTEAUX RIVER

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 12 24 1

AVERAGE 37 43 40 78 38 73 27 65 50 89

MEDIAN 43 75 73 56 89

MAX.W.E. 1975 43 1994 132 1982 109 1974 198 1975 89

MIN.W.E. 1975 43 1983 38 1980 48 1993 0 1975 89

ST. DEV. 13 25 8 18 21 48

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION SEXSMITH ID CODE 07GE803

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 55D 25M LONGITUDE 118D 52M ELEVATION 780 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-16 60 132

1974 Mar-07 73 190 Mar-26 91 218

1975 Jan-24 36 61 Feb-24 43 89

1976 Mar-01 39 81 Mar-15 44 109

1977 Feb-28 44 104 Mar-14 43 99 Mar-29 48 109

1978 Feb-27 14 36 Mar-14 10 36

1979 Feb-28 55 104 Mar-14 41 104 Mar-27 30 91

1980 Feb-28 16 61 Mar-13 24 72 Apr-01 20 74

1981 Feb-26 30 84 Mar-17 22 76 Mar-31 12 48

1982 Mar-02 61 141 Mar-15 62 160 Mar-31 59 131 Apr-15 41 104

1983 Feb-28 32 50 Mar-15 29 65 Mar-29 38 91

1984 Feb-28 15 33 Mar-12 14 27 Mar-26 0 0

1985 Mar-01 44 85 Mar-14 38 107 Mar-28 21 61

1986 Mar-04 11 29 Mar-14 11 35 Mar-31 0 0

1987 Mar-02 27 69 Apr-01 18 46

1988 Mar-03 19 38 Mar-31 0 0

1989 Mar-01 26 47 Mar-30 34 84

1990 Mar-02 23 53 Mar-29 0 0

1991 Feb-25 37 91 Mar-26 31 95

1992 Feb-27 27 81 Apr-02 0 0

1993 Mar-01 12 32 Mar-31 0 0

1994 Mar-03 64 165 Mar-16 48 127 Mar-28 39 146

1995 Mar-02 40 71 Mar-30 28 89

1996 Feb-27 41 127 Mar-27 27 94

1997 Feb-26 54 122 Mar-26 51 122

1998 Mar-02 24 48 Mar-30 12 23

1999 Feb-23 43 77 Mar-29 15 56

CONTINUE WITH STATION: SEXSMITH

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 13 23 1

AVERAGE 36 61 35 81 34 88 25 69 41 104

MEDIAN 61 79 99 74 104

MAX.W.E. 1975 61 1974 190 1982 160 1974 218 1982 104

MIN.W.E. 1975 61 1986 29 1984 27 1984 0 1982 104

ST. DEV. 17 42 17 41 23 57

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION SPRING CREEK#1 ID CODE 07GF801

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 57M LONGITUDE 117D 45M ELEVATION 720 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1967 Jan-30 62 89 Mar-01 61 124 Mar-15 69 142 Apr-03 64 183 Apr-12 45 150

1968 Feb-02 53 107 Feb-26 52 150

1969 Jan-29 43 86 Feb-26 51 104 Mar-17 58 107 Apr-01 46 119 Apr-11 8 25

1970 Jan-28 41 84 Feb-26 39 97 Mar-16 56 157 Mar-31 47 152 Apr-13 14 48

1971 Jan-28 69 130 Feb-24 61 142 Mar-15 55 147 Mar-29 68 173 Apr-13 27 91

1972 Jan-27 40 71 Mar-01 72 147 Mar-16 53 145 Apr-01 29 114 Apr-13 19 81

1973 Jan-31 51 109 Feb-27 62 137 Mar-14 52 132 Apr-03 30 97 Apr-11 7 25

1974 Jan-22 76 137 Feb-28 76 180 Mar-19 92 213 Apr-02 91 216 Apr-16 46 170

1975 Jan-30 50 74 Mar-05 64 86 Mar-12 60 107 Apr-02 67 117 Apr-17 32 89

1976 Jan-30 37 66 Mar-04 54 109 Mar-18 51 127 Apr-01 44 117

1977 Feb-01 47 91 Mar-03 42 99 Mar-14 44 112 Apr-07 18 58

1978 Feb-03 33 53 Mar-01 26 61 Mar-15 23 58 Apr-01 4 10

1979 Jan-29 42 56 Feb-26 73 124 Mar-12 50 124 Mar-26 28 81 Apr-19 27 69

1980 Feb-04 30 62 Mar-03 37 69 Mar-17 49 81 Mar-31 34 79

1981 Feb-03 40 90 Mar-02 40 104 Mar-16 19 69 Mar-30 11 27

1982 Feb-01 81 127 Mar-01 78 178 Mar-17 74 182 Mar-31 76 183

1983 Jan-31 28 27 Feb-28 29 56 Mar-14 20 34 Mar-28 22 50

1984 Jan-30 38 52 Feb-27 30 60 Mar-12 36 64 Mar-26 0 0

1985 Jan-28 46 94 Feb-25 64 123 Mar-15 47 128 Mar-25 36 95

1986 Jan-27 30 60 Mar-03 30 75 Mar-17 35 100 Apr-01 19 53

1987 Jan-26 26 47 Mar-02 38 67 Mar-16 38 76 Mar-30 30 75

1988 Mar-02 34 81 Mar-30 18 55

1989 Mar-01 48 91 Mar-30 43 97

1990 Feb-28 38 76 Mar-30 13 42

1991

1992

1993 Feb-25 43 77 Mar-30 12 34

1994 Mar-02 66 147 Mar-15 49 117 Mar-28 41 136 Apr-11 0 0

1995 Mar-01 43 79 Mar-30 15 41

1996 Feb-28 52 118 Mar-28 42 103

1997 Feb-27 57 136 Mar-25 46 128

1998 Mar-05 36 70 Apr-02 0 0

1999 Feb-26 51 126 Apr-01 24 83

CONTINUE WITH STATION: SPRING CREEK#1

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 21 31 21 30 10

AVERAGE 46 82 50 106 49 115 34 91 23 75

MEDIAN 84 104 117 89 75

MAX.W.E. 1974 137 1974 180 1974 213 1974 216 1974 170

MIN.W.E. 1983 27 1983 56 1983 34 1984 0 1994 0

ST. DEV. 15 29 15 35 17 43 23 56 16 54

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION SPRING CREEK#2 ID CODE 07GF802

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 55M LONGITUDE 117D 49M ELEVATION 650 METRES

REMARKS DISCONTINUED 1988

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1967 Jan-30 58 76 Mar-01 56 107 Mar-15 65 137 Apr-03 58 168 Apr-12 37 97

1968 Feb-01 50 97 Feb-26 50 155

1969 Jan-29 41 66 Feb-26 50 89 Mar-17 58 97 Apr-01 42 104 Apr-11 4 13

1970 Jan-28 40 74 Feb-26 37 89 Mar-16 39 102 Mar-31 34 114 Apr-13 3 13

1971 Jan-28 67 117 Feb-24 59 142 Mar-15 53 140 Mar-29 62 152 Apr-13 23 91

1972 Jan-27 39 69 Mar-01 63 127 Mar-16 46 124 Apr-01 17 69 Apr-13 6 28

1973 Jan-31 46 102 Feb-27 55 127 Mar-14 47 119 Apr-03 22 79 Apr-11 5 18

1974 Jan-22 71 130 Feb-28 71 165 Mar-19 86 198 Apr-02 76 208 Apr-16 33 81

1975 Jan-30 47 69 Mar-05 58 84 Mar-12 55 86 Apr-02 56 112 Apr-17 26 61

1976 Jan-30 35 63 Mar-04 47 102 Mar-17 44 119 Apr-01 35 97

1977 Feb-01 48 86 Mar-03 41 94 Mar-17 38 94 Apr-07 12 36

1978 Feb-03 31 51 Mar-01 23 51 Mar-15 23 53 Apr-01 4 10

1979 Jan-29 35 46 Feb-26 61 107 Mar-12 39 102 Mar-26 24 71 Apr-19 27 81

1980 Feb-04 27 50 Mar-03 35 56 Mar-17 43 83 Mar-31 30 75

1981 Feb-03 40 91 Mar-02 37 100 Mar-16 21 75 Mar-30 8 29

1982 Feb-01 72 124 Mar-01 70 166 Mar-17 66 147 Mar-31 64 157

1983 Jan-31 27 24 Feb-28 26 50 Mar-14 15 27 Mar-28 15 40

1984 Jan-30 31 48 Feb-29 24 53 Mar-12 25 41 Mar-26 0 0

1985 Jan-28 42 91 Feb-25 58 114 Mar-15 33 103 Mar-25 16 51

1986 Jan-27 22 42 Mar-03 19 41 Mar-17 21 57 Apr-01 0 0

1987 Jan-26 26 41 Mar-02 38 67 Mar-16 38 76 Mar-30 27 50

NO. YRS. 21 21 20 20 9

AVERAGE 43 74 47 99 43 99 30 81 18 54

MEDIAN 69 100 100 73 61

MAX.W.E. 1974 130 1982 166 1974 198 1974 208 1967 97

MIN.W.E. 1983 24 1986 41 1983 27 1984 0 1969 13

ST. DEV. 15 29 16 38 18 40 23 58

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION SPRING CREEK#3 ID CODE 07GF803

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 57M LONGITUDE 117D 41M ELEVATION 730 METRES

REMARKS DISCONTINUED 1988

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1967 Jan-30 64 91 Mar-01 61 112 Mar-15 72 145 Apr-03 70 183 Apr-12 42 157

1968 Feb-01 51 102 Feb-26 47 127

1969 Jan-29 43 76 Feb-26 49 91 Mar-17 59 97 Apr-01 37 97 Apr-11 8 28

1970 Jan-28 43 76 Feb-26 39 104 Mar-16 43 122 Mar-31 46 165 Apr-13 6 30

1971 Jan-28 65 119 Feb-24 60 137 Mar-15 53 145 Mar-29 62 163 Apr-13 22 86

1972 Jan-27 42 76 Mar-01 70 132 Mar-16 44 142 Apr-01 26 102 Apr-13 12 51

1973 Jan-31 50 109 Feb-27 59 127 Mar-14 51 130 Apr-03 27 94 Apr-11 0 0

1974 Jan-22 81 145 Feb-28 76 180 Mar-19 92 206 Apr-02 94 216 Apr-16 41 175

1975 Jan-30 51 74 Mar-14 59 104 Apr-02 67 124 Apr-17 24 79

1976 Jan-30 37 66 Mar-04 54 112 Apr-18 52 135 Apr-01 44 130

1977 Feb-01 51 97 Mar-03 44 107 Mar-17 38 99 Apr-07 15 46

1978 Feb-03 36 66 Mar-01 28 58 Mar-15 26 63 Apr-01 4 13

1979 Jan-29 44 59 Feb-26 75 122 Mar-12 53 112 Mar-26 36 107 Apr-19 28 66

1980 Feb-04 31 56 Mar-03 39 66 Mar-17 47 90 Mar-31 32 74

1981 Feb-03 43 94 Mar-02 42 94 Mar-16 26 89 Mar-30 0 0

1982 Feb-01 80 118 Mar-01 77 169 Mar-15 71 179 Mar-31 78 179

1983 Jan-31 29 44 Feb-28 31 48 Mar-14 24 33 Mar-28 24 53

1984 Jan-30 36 41 Feb-27 30 69 Mar-12 32 62 Mar-26 0 0

1985 Jan-28 44 86 Feb-25 61 132 Mar-15 40 118 Mar-25 26 80

1986 Jan-27 27 52 Mar-03 24 64 Mar-17 25 69 Apr-01 0 0

1987 Jan-26 29 46 Mar-02 44 71 Mar-16 42 79 Mar-30 32 75

NO. YRS. 21 20 20 20 9

AVERAGE 47 81 51 106 47 111 36 95 20 75

MEDIAN 76 110 108 96 66

MAX.W.E. 1974 145 1974 180 1974 206 1974 216 1974 175

MIN.W.E. 1984 41 1983 48 1983 33 1981 0 1973 0

ST. DEV. 15 28 17 36 18 42 27 65

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION SPRING CREEK#4 ID CODE 07GF804

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 55M LONGITUDE 117D 41M ELEVATION 740 METRES

REMARKS DISCONTINUED 1988

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1967 Jan-30 64 79 Mar-01 62 107 Mar-15 71 152 Apr-03 68 163 Apr-12 45 145

1968 Feb-01 51 102 Feb-26 48 142

1969 Jan-29 42 76 Feb-26 50 97 Mar-17 56 97 Apr-01 43 107 Apr-11 5 18

1970 Jan-28 36 74 Feb-26 34 89 Mar-16 40 102 Mar-31 41 135 Apr-13 9 41

1971 Jan-28 72 124 Feb-24 59 160 Mar-15 56 155 Mar-29 67 165 Apr-13 34 117

1972 Mar-01 69 137

1973 Jan-31 47 107 Feb-27 56 127 Mar-14 48 124 Apr-03 30 97 Apr-11 9 30

1974 Jan-22 76 140 Feb-28 71 170 Mar-19 86 185 Apr-02 91 224 Apr-16 43 157

1975 Jan-30 50 76 Mar-11 59 114 Apr-02 66 104 Apr-17 33 81

1976 Jan-30 39 81 Mar-03 55 112 Mar-18 52 130 Apr-01 47 135

1977 Feb-01 50 94 Mar-03 44 109 Mar-17 46 112 Apr-07 12 38

1978 Feb-03 33 53 Mar-01 26 61 Mar-15 31 69 Apr-01 4 13

1979 Jan-29 40 61 Feb-26 71 122 Mar-12 48 112 Mar-26 35 107 Apr-19 42 112

1980 Feb-04 32 64 Mar-03 40 62 Mar-17 47 74 Mar-30 38 83

1981 Feb-03 37 89 Mar-02 38 109 Mar-16 29 94 Mar-30 21 74

1982 Feb-01 80 124 Mar-01 76 189 Mar-15 73 191 Mar-31 77 193

1983 Jan-31 27 42 Feb-28 28 51 Mar-14 24 43 Mar-28 24 57

1984 Jan-30 36 60 Feb-27 29 67 Mar-12 37 67 Mar-26 20 47

1985 Jan-28 42 84 Feb-25 54 122 Mar-15 47 123 Mar-25 34 97

1986 Jan-27 29 60 Mar-03 30 71 Mar-17 35 99 Apr-01 0 0

1987 Jan-26 23 50 Mar-02 37 66 Mar-16 37 70 Mar-30 30 81

NO. YRS. 20 20 19 19 8

AVERAGE 45 82 49 109 49 111 39 101 28 88

MEDIAN 78 109 112 97 97

MAX.W.E. 1974 140 1982 189 1982 191 1974 224 1974 157

MIN.W.E. 1983 42 1983 51 1983 43 1986 0 1969 18

ST. DEV. 16 27 16 39 16 40 25 59

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION ST. PAUL ID CODE 05ED802

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 59M LONGITUDE 111D 01M ELEVATION 640 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 20 43

1974 Mar-06 41 99 Mar-27 38 117

1975 Feb-28 19 46 Apr-07 28 66

1976 Jan-23 17 36 Mar-01 12 30 Mar-17 14 43

1977 Mar-01 15 33 Mar-16 17 43 Mar-30 13 38

1978 Mar-01 29 94 Mar-14 28 99 Mar-28 12 38

1979 Mar-01 36 69 Mar-12 23 51 Mar-27 16 46

1980 Feb-27 10 13 Mar-13 12 18 Mar-27 23 48

1981 Feb-24 14 38 Mar-17 5 23 Apr-02 0 0

1982 Feb-26 21 36 Mar-16 34 71 Mar-30 29 74

1983 Mar-01 14 24 Mar-16 8 14 Mar-30 6 17

1984 Feb-29 22 48 Mar-15 22 62 Mar-29 1 3

1985 Feb-27 25 70 Mar-13 22 72 Mar-27 8 27

1986 Feb-27 19 48 Mar-19 12 37 Apr-04 0 0

1987 Mar-04 20 32 Apr-01 20 55

1988 Feb-25 16 19 Mar-30 23 49

1989 Feb-28 10 26 Mar-31 9 27

1990 Mar-01 16 37 Mar-29 11 37

1991 Feb-26 7 14 Mar-26 2 2

1992 Mar-02 10 30 Apr-01 0 0

1993 Feb-25 5 7 Mar-30 7 12

1994 Mar-01 39 97 Mar-29 19 66

1995 Feb-28 25 50 Mar-31 8 23

1996 Feb-26 27 42 Mar-27 13 28

1997 Feb-26 39 99 Mar-26 19 58

1998 Feb-25 24 46 Mar-31 0 0

1999 Mar-02 24 53 Mar-30 4 10

CONTINUE WITH STATION: ST. PAUL

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 12 25

AVERAGE 17 36 21 46 18 48 12 34

MEDIAN 36 40 43 28

MAX.W.E. 1976 36 1997 99 1978 99 1974 117

MIN.W.E. 1976 36 1993 7 1983 14 1981 0

ST. DEV. 10 27 8 25 10 29

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION STURGEON HEIGHTS ID CODE 07GH801

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 04M LONGITUDE 117D 41M ELEVATION 720 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1988 Mar-02 36 76 Mar-30 19 58

1989 Mar-01 52 98 Mar-30 54 114

1990 Feb-28 45 95 Mar-30 27 91

1991 Feb-25 57 141 Mar-26 57 152

1992 Feb-27 46 118 Apr-03 3 11

1993 Mar-02 30 72 Mar-31 16 43

1994 Mar-02 68 155 Mar-15 51 147 Mar-28 45 150

1995 Mar-01 51 74 Mar-29 31 74

1996 Feb-28 59 144 Mar-28 46 122

1997 Feb-27 60 146 Mar-25 52 144

1998 Mar-05 37 69 Apr-02 0 0

1999 Feb-26 49 123 Apr-01 18 60

NO. YRS. 12 1 12

AVERAGE 49 109 51 147 31 85

MEDIAN 108 147 83

MAX.W.E. 1994 155 1994 147 1991 152

MIN.W.E. 1998 69 1994 147 1998 0

ST. DEV. 11 32 20 53

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION SUNDRE ID CODE 05CB801

BASIN RED DEER DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 51D 47M LONGITUDE 114D 31M ELEVATION 1060 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1972 Mar-15 32 71

1973 Mar-20 37 84

1974 Mar-29 55 119

1975 Feb-27 21 33 Apr-10 36 69

1976 Jan-26 35 61 Mar-04 40 84 Mar-17 45 107 Mar-29 36 99

1977 Mar-02 28 53 Mar-29 18 48

1978 Feb-28 32 61 Mar-14 33 71 Mar-29 16 38

1979 Feb-27 22 36 Mar-14 0 0 Mar-30 0 0

1980 Feb-27 30 69 Mar-11 38 86 Mar-27 29 71

1981 Feb-25 2 6 Mar-17 0 0 Mar-31 0 0

1982 Feb-26 15 28 Mar-16 20 36 Mar-31 13 38

1983 Mar-01 21 38 Mar-14 7 15 Mar-29 0 0

1984 Feb-28 20 35 Mar-15 30 53 Mar-28 5 15

1985 Feb-27 19 41 Mar-13 17 47 Mar-28 0 0

1986 Feb-26 17 37 Mar-19 0 0 Apr-03 0 0

1987 Mar-02 5 4 Mar-31 0 0

1988 Feb-25 8 21 Mar-30 15 31

1989 Feb-28 31 58 Mar-29 28 69

1990 Feb-28 22 55 Mar-28 10 36

1991 Feb-27 14 39 Mar-26 15 19

1992 Feb-27 14 40 Apr-02 0 0

1993 Feb-25 27 56 Mar-31 3 13

1994 Mar-01 23 48 Mar-30 0 0

1995 Feb-27 4 3 Mar-28 0 0

1996 Feb-27 8 13 Mar-28 8 12

1997 Feb-26 42 107 Mar-27 31 107

1998 Feb-24 14 25 Apr-01 19 66

1999 Mar-02 7 18 Mar-30 0 0

CONTINUE WITH STATION: SUNDRE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 25 12 25 1

AVERAGE 35 61 19 40 22 48 12 31 36 69

MEDIAN 61 38 50 15 69

MAX.W.E. 1976 61 1997 107 1976 107 1974 119 1975 69

MIN.W.E. 1976 61 1995 3 1979 0 1979 0 1975 69

ST. DEV. 11 25 17 37 14 37

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION SWEETGRASS ID CODE 07KF802

BASIN PEACE DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 58D 51M LONGITUDE 112D 00M ELEVATION 210 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1977 Jan-28 29 25 Mar-01 32 36 Mar-16 32 33 Mar-30 37 58

1978 Mar-02 31 36 Mar-15 36 56 Apr-03 38 28

1979 Jan-31 32 46 Mar-01 44 76 Mar-28 54 66 Apr-10 30 89

1980 Jan-29 32 41 Feb-28 33 38 Mar-13 35 48 Mar-31 28 56

1981 Feb-02 38 41 Feb-26 51 64 Mar-12 53 58 Mar-30 45 51

1982 Feb-01 36 31 Mar-01 47 69 Mar-12 45 64 Apr-01 43 64 Apr-15 36 66

1983 Mar-02 64 140 Mar-16 63 137 Mar-30 61 137

1984 Feb-01 34 41 Feb-28 38 60 Mar-15 Mar-27 34 69

1985 Jan-29 42 46 Feb-27 47 69 Mar-13 45 86 Mar-26 47 79

1986 Feb-04 47 51 Feb-28 47 51 Mar-14 48 61 Apr-01 36 74

1987 Feb-02 47 53 Mar-04 59 114 Mar-17 61 135 Apr-02 60 135

1988 Feb-10 45 58 Feb-24 51 74 Mar-18 51 89 Mar-30 53 69 Apr-13 47 107

1989 Feb-07 49 89 Feb-28 52 107 Mar-29 63 97 Apr-11 31 123

1990 Mar-01 66 130 Mar-28 61 119

1991 Jan-31 68 140 Feb-26 73 146 Apr-02 64 150

1992 Feb-04 56 96 Mar-03 63 117

1993 Feb-01 22 38 Feb-24 34 38 Mar-31 0 0

1994 Feb-25 54 89 Mar-28 47 107

1995 Mar-01 55 72

1996 Feb-28 45 71 Mar-28 60 104

1997 Mar-03 44 61 Mar-24 41 56

1998 Feb-26 52 113 Mar-30 46 107

1999 Feb-24 32 69

CONTINUE WITH STATION: SWEETGRASS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 14 23 10 20 4

AVERAGE 41 57 48 80 47 77 46 81 36 96

MEDIAN 46 71 63 72 98

MAX.W.E. 1991 140 1991 146 1983 137 1991 150 1989 123

MIN.W.E. 1977 25 1977 36 1977 33 1993 0 1982 66

ST. DEV. 12 31 12 34 11 35 15 38

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION THELMA CREEK ID CODE 11AB801

BASIN SOUTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 49D 34M LONGITUDE 110D 16M ELEVATION 1295 METRES

REMARKS DISCONTINUED 1988 (NON-STD. DATES)

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1982 Apr-12 28 97

1983

1984 Jan-25 0 0 Feb-21 0 0

1985 Jan-22 0 0 Feb-19 39 119

1986 Jan-22 0 0 Feb-17 4 10

1987 Jan-22 0 0 Feb-16 0 0

NO. YRS. 4 4 1

AVERAGE 0 0 11 32 28 97

MEDIAN 0 5 97

MAX.W.E. 1987 0 1985 119 1982 97

MIN.W.E. 1984 0 1984 0 1982 97

ST. DEV.

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION TWIN LAKES ID CODE 07BB814

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 03M LONGITUDE 114D 48M ELEVATION 655 METRES

REMARKS SNOW COURSE SITE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1982 Feb-01 47 84 Feb-26 48 94 Mar-16 54 109 Mar-30 47 119

1983 Jan-25 14 18 Mar-02 15 28 Mar-15 18 31 Mar-29 16 43

1984 Feb-03 23 33 Feb-28 25 48 Mar-15 31 54 Mar-29 5 11

1985 Feb-06 41 81 Feb-27 38 94 Mar-14 32 83 Mar-29 22 67

1986 Jan-30 19 36 Feb-27 19 33 Mar-15 16 43 Apr-03 3 8

1987 Jan-27 13 23 Mar-03 20 31 Apr-01 15 39

1988 Jan-27 3 4 Mar-01 8 19 Mar-15 0 0 Mar-31 0 0

1989 Feb-06 24 47 Feb-28 22 50 Mar-31 19 58

1990 Jan-31 13 23 Feb-27 17 38 Mar-28 2 7

1991 Feb-01 32 60 Feb-27 26 68 Mar-28 25 84

1992 Jan-29 36 74 Mar-04 29 81 Apr-02 0 0

1993 Jan-29 24 43 Feb-24 24 45 Mar-29 3 10

1994 Dec-30 8 14 Feb-01 43 96 Mar-02 51 117 Mar-28 30 106

1995 Feb-02 24 47 Feb-28 27 52 Mar-29 10 32

1996 Jan-31 48 102 Feb-29 45 128 Mar-27 31 92

1997 Feb-04 51 107 Feb-26 51 108 Mar-25 49 149

1998 Jan-29 19 23 Feb-26 16 24 Apr-01 0 0

1999 Jan-28 53 74 Mar-02 50 112 Mar-30 40 117

NO. YRS. 1 18 18 6 18

AVERAGE 8 14 29 54 30 65 25 53 18 52

MEDIAN 14 47 51 49 41

MAX.W.E. 1994 14 1997 107 1996 128 1982 109 1997 149

MIN.W.E. 1994 14 1988 4 1988 19 1988 0 1988 0

ST. DEV. 15 32 14 36 16 49

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION TWIN LAKES PILLOW ID CODE 14U10S

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 03M LONGITUDE 114D 48M ELEVATION 655 METRES

REMARKS SNOW PILLOW SITE

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1981

1982 Jan-01 5 Feb-01 73 Mar-01 89 Mar-15 109 Apr-01 114 Apr-15 126

1983 Jan-01 15 Feb-01 20 Mar-01 29 Mar-15 39 Apr-01 47 Apr-15 0

1984 Jan-01 21 Feb-01 40 Mar-01 48 Mar-15 51 Apr-01 8 Apr-15 0

1985 Jan-01 56 Feb-01 64 Mar-01 93 Mar-15 99 Apr-01 73 Apr-15 0

1986 Jan-01 14 Feb-01 30 Mar-01 40 Mar-15 57 Apr-01 22 Apr-15 7

1987 Jan-01 12 Feb-01 17 Mar-01 25 Mar-15 36 Apr-01 40 Apr-15 0

1988 Jan-01 0 Feb-01 8 Mar-01 28 Mar-15 0 Apr-01 0 Apr-15 0

1989 Jan-01 15 Feb-01 47 Mar-01 45 Mar-15 52 Apr-01 53 Apr-15 3

1990 Jan-01 18 Feb-01 39 Mar-01 47 Mar-15 44 Apr-01 1 Apr-15 0

1991 Jan-01 49 Feb-01 57 Mar-01 69 Mar-15 76 Apr-01 80 Apr-15 0

1992 Jan-01 37 Feb-01 60 Mar-01 80 Mar-15 76 Apr-01 9 Apr-15 0

1993 Jan-01 28 Feb-01 42 Mar-01 48 Mar-15 43 Apr-01 7 Apr-15 2

1994 Mar-01 106 Apr-01 95

1995 Mar-01 46 Apr-01 0

1996 Mar-01 107

1997 Mar-01 124 Apr-01 136

1998 Mar-01 27 Apr-01 0 0

1999 Feb-01 104 Mar-01 114 Apr-01 126

NO. YRS. 12 13 18 12 17 12

AVERAGE 23 46 65 57 0 48 12

MEDIAN 17 42 48 52 40 0

MAX.W.E. 1985 56 1999 104 1997 124 1982 109 1997 136 1982 126

MIN.W.E. 1988 0 1988 8 1987 25 1988 0 1988 0 1983 0

ST. DEV. 17 26 33 30 48 36

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION TWIN LAKES PILLOW ID CODE 14U10S

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 03M LONGITUDE 114D 48M ELEVATION 655 METRES

REMARKS SNOW PILLOW SITE

YEAR DEC 1

DATE DEPTH W.E.

CM MM

1981 Dec-01 0

1982 Dec-01 10

1983 Dec-01 8

1984 Dec-01 28

1985 Dec-01 5

1986 Dec-01 7

1987 Dec-01 0

1988 Dec-01 3

1989 Dec-01 10

1990 Dec-01 40

1991 Dec-01 13

1992 Dec-01 5

1993 Dec-01 8

1994 Dec-01 15

1995 Dec-01 57

1996 Dec-01 59

1997 Dec-01 5

1998 Dec-01 31

1999 Dec-01 16

NO. YRS. 19

AVERAGE 17

MEDIAN 10

MAX.W.E. 1996 59

MIN.W.E. 1981 0

ST. DEV. 18

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION TWO HILLS ID CODE 05EE801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 53D 43M LONGITUDE 111D 43M ELEVATION 640 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-20 22 43

1974 Mar-07 58 124 Apr-05 58 152

1975 Feb-28 24 53 Apr-07 35 76

1976 Jan-23 18 23 Mar-01 22 48 Mar-17 16 48

1977 Mar-01 25 61 Mar-16 26 58 Mar-30 21 58

1978 Mar-02 34 76 Mar-15 30 69

1979 Mar-01 35 58 Mar-13 19 43 Mar-28 7 18

1980 Feb-28 19 28 Mar-13 20 38 Mar-27 38 63

1981 Feb-24 22 48 Mar-17 6 29 Apr-02 0 0

1982 Feb-26 21 38 Mar-16 36 76 Mar-30 30 86

1983 Mar-02 25 37 Mar-16 21 41 Mar-30 18 52

1984 Feb-29 24 63 Mar-15 23 61 Mar-29 0 0

1985 Feb-27 25 78 Mar-13 26 74 Mar-26 11 36

1986 Feb-28 18 48 Mar-19 9 28 Apr-04 0 0

1987 Feb-27 27 46 Mar-30 30 81

1988 Feb-26 2 5 Mar-29 17 38

1989 Feb-28 20 41 Mar-31 16 52

1990 Mar-01 26 62 Mar-29 9 29

1991 Feb-26 11 30 Mar-26 6 15

1992 Mar-02 12 41 Apr-01 0 0

1993 Feb-24 23 48 Mar-30 7 12

1994 Mar-01 40 94 Mar-15 22 65 Mar-29 16 62

1995 Feb-27 25 51 Mar-31 0 0

1996 Feb-26 36 87 Mar-28 24 76

1997 Feb-26 46 113 Mar-26 28 83

1998 Feb-25 25 38 Apr-01 0 0

1999 Mar-02 38 79 Mar-31 10 28

CONTINUE WITH STATION: TWO HILLS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 13 24

AVERAGE 18 23 26 58 21 52 16 42

MEDIAN 23 50 48 37

MAX.W.E. 1976 23 1974 124 1982 76 1974 152

MIN.W.E. 1976 23 1988 5 1986 28 1981 0

ST. DEV. 11 27 8 16 15 38

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION WAINWRIGHT ID CODE 05FD802

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 43M LONGITUDE 110D 37M ELEVATION 670 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-13 24 38

1974 Apr-04 57 150

1975 Feb-27 25 48 Apr-08 45 97

1976 Mar-15 24 53

1977 Feb-28 18 38 Mar-14 0 0 Mar-28 0 0

1978 Mar-01 21 46 Mar-14 17 41 Mar-28 0 0

1979 Mar-02 29 51 Mar-13 17 46 Mar-28 0 0

1980 Feb-27 19 28 Mar-13 19 36 Mar-28 25 48

1981 Feb-25 19 33 Mar-18 7 22 Apr-03 0 0

1982 Mar-01 19 30 Mar-17 27 56 Mar-31 20 53

1983 Mar-01 26 40 Mar-14 17 31 Mar-28 14 44

1984 Mar-01 22 49 Mar-16 24 54 Mar-29 6 17

1985 Feb-28 22 65 Mar-14 22 61 Mar-27 9 26

1986 Feb-27 19 53 Mar-18 4 14 Apr-02 0 0

1987 Mar-04 21 52 Apr-01 14 52

1988 Feb-25 2 8 Mar-29 4 10

1989 Feb-27 17 42 Mar-30 10 34

1990 Mar-01 17 51 Mar-29 1 6

1991 Mar-01 4 8 Mar-27 0 2

1992 Mar-02 23 68 Mar-30 0 0

1993 Feb-24 22 42 Mar-29 14 23

1994 Mar-01 29 65 Mar-29 5 13

1995 Feb-27 20 36 Mar-31 0 0

1996 Feb-26 23 50 Mar-28 8 24

1997 Feb-26 33 81 Mar-25 20 63

1998 Feb-26 16 30 Mar-31 1 8

1999 Mar-03 22 48 Mar-31 0 0

CONTINUE WITH STATION: WAINWRIGHT

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 24 12 24 1

AVERAGE 20 44 17 38 9 24 45 97

MEDIAN 47 40 12 97

MAX.W.E. 1997 81 1985 61 1974 150 1975 97

MIN.W.E. 1988 8 1977 0 1977 0 1975 97

ST. DEV. 7 17 9 18 13 34

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION WASKATENAU ID CODE 05EC802

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 11M LONGITUDE 112D 50M ELEVATION 640 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-19 29 56

1974 Mar-05 53 117 Mar-28 55 147

1975 Jan-28 24 33 Feb-26 30 66 Apr-08 38 86

1976 Mar-02 25 58 Mar-16 30 74

1977 Feb-28 31 69 Mar-15 35 84 Mar-29 37 99

1978 Feb-28 27 58 Mar-13 21 53 Mar-27 13 38

1979 Feb-28 43 91 Mar-12 26 79 Mar-27 21 71

1980 Feb-26 15 30 Mar-12 17 41 Mar-26 21 56

1981 Feb-23 21 38 Mar-16 19 46 Mar-31 0 0

1982 Feb-25 20 53 Mar-15 30 86 Mar-29 31 97

1983 Feb-28 19 31 Mar-15 20 38 Mar-29 19 46

1984 Feb-28 14 40 Mar-14 9 23 Mar-27 0 0

1985 Feb-26 32 77 Mar-12 30 86 Mar-28 19 64

1986 Feb-26 24 60 Mar-20 18 59 Apr-02 1 2

1987 Mar-03 15 30 Mar-31 17 48

1988 Feb-24 7 16 Mar-30 0 0

1989 Mar-01 24 54 Mar-29 18 54

1990 Feb-28 21 48 Mar-28 15 49

1991 Feb-25 19 48 Mar-25 18 50

1992 Feb-27 26 78 Mar-31 0 0

1993 Feb-25 14 33 Mar-31 0 0

1994 Mar-02 41 94 Mar-30 34 106

1995 Mar-01 22 50 Mar-30 1 5

1996 Feb-27 26 79 Mar-27 14 32

1997 Feb-27 49 122 Mar-24 45 133

1998 Feb-24 15 20 Mar-30 0 0

1999 Mar-01 40 88 Mar-29 21 76

CONTINUE WITH STATION: WASKATENAU

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 26 12 24 1

AVERAGE 24 33 26 60 24 60 17 49 38 86

MEDIAN 33 56 58 49 86

MAX.W.E. 1975 33 1997 122 1985 86 1974 147 1975 86

MIN.W.E. 1975 33 1988 16 1984 23 1981 0 1975 86

ST. DEV. 11 28 7 21 15 44

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION WESTLOCK ID CODE 07BC801

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 00M LONGITUDE 113D 58M ELEVATION 700 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1959 Mar-15 18 43

1960 Mar-16 23 43

1961 Mar-06 29 56

1962 Mar-14 48 58

1963 Mar-06 30 61

1964

1965 Mar-12 42 76

1966 Mar-16 47 97

1967 Mar-21 44 79

1968

1969 Mar-14 38 66

1970 Mar-20 25 58

1971 Mar-11 45 99

1972 Mar-21 19 61

1973 Mar-15 25 53

1974 Mar-06 53 130 Apr-04 67 160

1975 Feb-24 24 53 Apr-07 30 53

1976 Mar-01 24 53 Mar-17 18 53

1977 Feb-28 19 53 Mar-15 15 36 Mar-29 13 41

1978 Feb-28 26 58 Mar-14 24 53 Mar-29 0 0

1979 Feb-27 34 66 Mar-14 13 25 Mar-27 0 0

1980 Feb-26 19 38 Mar-12 15 28 Mar-26 17 41

1981 Feb-24 6 13 Mar-16 0 0 Mar-31 0 0

1982 Feb-01 44 76 Feb-25 42 76 Mar-15 54 112 Mar-29 49 104 Apr-15 35 126

1983 Mar-01 16 28 Mar-14 19 34 Mar-28 18 45

1984 Feb-27 18 44 Mar-14 17 28 Mar-28 0 0

1985 Feb-26 26 91 Mar-13 21 66 Mar-28 10 27

1986 Feb-27 7 18 Mar-17 5 17 Apr-02 0 0

1987 Mar-02 13 21 Mar-30 10 26

1988 Feb-26 2 6 Mar-29 0 0

1989 Mar-03 16 29 Mar-29 13 42

1990 Feb-26 14 27 Mar-27 0 0

1991 Mar-04 12 18 Mar-26 0 0

1992 Apr-01 0 0

1993 Feb-26 7 13 Mar-31 0 0

1994 Feb-28 51 102 Mar-15 25 89 Mar-28 18 78

1995 Feb-27 18 49 Mar-29 0 0

1996 Feb-27 27 78 Mar-26 15 36

1997 Feb-25 44 114 Mar-26 31 112

1998 Feb-26 17 33 Apr-01 0 0

1999 Mar-03 35 74 Mar-29 6 18

CONTINUE WITH STATION: WESTLOCK

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 1 27 23 25 1

AVERAGE 44 76 23 52 26 55 12 31 35 126

MEDIAN 76 53 53 18 126

MAX.W.E. 1982 76 1974 130 1982 112 1974 160 1982 126

MIN.W.E. 1982 76 1988 6 1981 0 1978 0 1982 126

ST. DEV. 13 32 15 28 17 43

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION WETASKIWIN ID CODE 05FA801

BASIN NORTH SASK. DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 52D 59M LONGITUDE 113D 38M ELEVATION 790 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-08 21 41 Mar-12 29 51

1974

1975 Feb-26 21 48 Apr-07 27 58

1976 Mar-02 24 56 Mar-15 29 63

1977 Feb-28 19 41 Mar-30 2 3

1978 Mar-01 21 53 Mar-14 15 43 Mar-29 0 0

1979 Feb-27 19 41 Mar-12 0 0 Mar-28 0 0

1980 Feb-27 18 28 Mar-10 24 43 Mar-28 15 38

1981 Feb-24 0 0 Mar-16 0 0 Mar-31 0 0

1982 Mar-01 38 69 Mar-17 41 97 Mar-31 36 99

1983 Mar-02 15 23 Mar-15 9 25 Mar-30 5 18

1984 Feb-29 15 34 Mar-15 15 32 Mar-29 0 0

1985 Feb-28 19 52 Mar-14 15 52 Mar-28 8 25

1986 Feb-27 4 11 Mar-20 0 0 Apr-04 0 0

1987 Mar-03 10 17 Mar-31 6 24

1988 Feb-25 3 9 Mar-31 8 21

1989 Mar-02 17 39 Mar-30 10 28

1990 Mar-01 14 37 Mar-29 3 11

1991 Feb-28 13 23 Mar-27 6 18

1992 Feb-27 18 48 Mar-30 0 0

1993 Feb-24 12 18 Apr-02 2 6

1994 Feb-25 36 77 Mar-28 4 14

1995 Mar-01 15 34 Mar-30 0 0

1996 Feb-29 30 78 Mar-26 6 19

1997 Feb-25 34 84 Mar-27 27 99

1998 Feb-24 13 23 Mar-30 0 0

1999 Mar-03 47 91 Mar-29 26 97

CONTINUE WITH STATION: WETASKIWIN

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 11 24

AVERAGE 19 41 16 37 8 24

MEDIAN 40 43 16

MAX.W.E. 1999 91 1982 97 1997 99

MIN.W.E. 1981 0 1979 0 1978 0

ST. DEV. 11 24 14 30 10 32

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.

STATISTICS FOR MONTHLY PLAINS SNOWCOURSE DATA

STATION WHITECOURT ID CODE 07AG803

BASIN ATHABASCA DATA SOURCE ALBERTA ENVIRONMENT

LATITUDE 54D 05M LONGITUDE 115D 36M ELEVATION 790 METRES

REMARKS

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

1973 Mar-14 42 91

1974 Mar-07 70 157 Mar-26 92 157

1975 Feb-25 41 69 Apr-10 54 81

1976 Mar-02 53 89 Mar-17 50 109

1977 Mar-01 30 76 Mar-16 27 84 Mar-29 28 89

1978 Mar-01 30 86 Mar-15 34 91 Mar-29 26 81

1979 Feb-01 53 104 Mar-12 24 53 Mar-26 3 9

1980 Feb-27 42 76 Mar-12 57 107 Mar-26 47 107

1981 Feb-24 27 56 Mar-16 21 49 Mar-31 0 0

1982 Feb-26 53 99 Mar-15 58 127 Mar-29 47 109

1983 Mar-02 15 28 Mar-14 18 32 Mar-29 19 49

1984 Feb-27 19 45 Mar-14 24 52 Mar-29 0 0

1985 Feb-27 43 106 Mar-14 38 108 Mar-29 42 112

1986 Feb-25 19 41 Mar-14 23 53 Apr-02 11 35

1987 Mar-03 27 47 Mar-31 22 42

1988 Mar-01 17 46 Mar-30 5 12

1989 Mar-01 36 76 Mar-31 26 76

1990 Feb-27 24 62 Mar-28 9 26

1991 Feb-26 42 95 Mar-27 37 106

1992 Mar-04 31 93 Apr-02 0 0

1993 Feb-25 27 36 Mar-30 11 42

1994 Mar-02 61 134 Mar-29 26 101

1995 Feb-28 25 60 Mar-28 5 14

1996 Feb-28 42 119 Mar-27 28 95

1997 Feb-26 54 136 Mar-25 50 150

1998 Feb-25 16 19 Mar-31 0 0

1999 Mar-02 60 128 Mar-30 45 122

CONTINUE WITH STATION: WHITECOURT

YEAR JAN 1 FEB 1 MAR 1 MAR 15 APR 1 APR 15

DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E. DATE DEPTH W.E.

CM MM CM MM CM MM CM MM CM MM CM MM

NO. YRS. 26 12 24 1

AVERAGE 37 80 35 80 24 64 54 81

MEDIAN 76 88 63 81

MAX.W.E. 1974 157 1982 127 1974 157 1975 81

MIN.W.E. 1998 19 1983 32 1981 0 1975 81

ST. DEV. 16 36 14 31 22 51

NOTE: 1. STANDARD DEVIATION IS COMPUTED ONLY IF TEN YEARS OF DATA ARE AVAILABLE.

2. WHERE NO DEPTH IS SHOWN WATER EQUIVALENT IS ESTIMATED FROM THE PILLOW SITE.