MASTER GARDENER
COLORADO STATE UNIVERSITY
EXTENSION

CMG GardenNotes #749

Climate Summary: Northwest Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Monthly Temperatures														
Craig	average extreme high	44	50	60	74	79	89	92	91	87	77	63	49	
	normal daily high	**30**	**34**	**46**	**56**	**66**	**74**	**84**	**83**	**74**	**61**	**43**	**32**	**57**
	normal daily low	**6**	**10**	**22**	**29**	**37**	**44**	**50**	**49**	**40**	**30**	**19**	**8**	**28**
	average extreme low	-14	-13	6	16	26	33	41	41	27	15	1	-11	
Hayden	average extreme high	44	48	60	73	82	90	93	91	86	77	63	48	
	normal daily high	**30**	**34**	**45**	**57**	**68**	**79**	**85**	**83**	**74**	**61**	**44**	**32**	**58**
	normal daily low	**7**	**10**	**20**	**28**	**36**	**43**	**49**	**48**	**40**	**29**	**20**	**9**	**29**
	average extreme low	-16	-13	2	15	25	32	40	39	25	15	0	-12	
Steamboat	average extreme high	44	47	57	70	78	87	90	89	84	75	60	45	
	normal daily high	**29**	**34**	**43**	**53**	**64**	**76**	**82**	**81**	**72**	**60**	**42**	**29**	**55**
	normal daily low	**3**	**5**	**17**	**24**	**32**	**36**	**42**	**41**	**34**	**24**	**16**	**4**	**23**
	average extreme low	-25	-21	-4	9	21	28	33	33	19	10	-5	-21	
Yampa	average extreme high	47	49	56	66	75	82	84	84	79	71	58	48	
	normal daily high	**31**	**35**	**41**	**51**	**62**	**72**	**76**	**76**	**68**	**56**	**41**	**32**	**54**
	normal daily low	**6**	**9**	**16**	**23**	**32**	**39**	**45**	**44**	**36**	**27**	**16**	**8**	**25**
	average extreme low	-17	-14	-5	5	19	27	35	35	21	10	-6	-14	

Total Monthly Precipitation (inches)

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Craig	normal	1.1	1.1	1.5	1.7	1.6	1.2	1.4	1.2	1.5	1.8	1.5	1.0	16.7
	maximum	2.4	2.3	2.7	3.4	4.0	3.0	3.0	2.4	5.2	4.5	2.9	3.4	25.0
Hayden	normal	1.6	1.2	1.2	1.6	1.6	1.2	1.4	1.3	1.4	1.7	1.5	1.5	17.3
	maximum	3.5	2.6	2.5	3.3	4.1	3.4	3.5	3.1	6.2	3.8	3.7	5.1	26.4
Steamboat Springs	normal	2.6	2.1	2.0	2.4	2.3	2.3	1.5	1.5	1.5	1.7	1.9	2.3	23.8
	maximum	5.9	4.7	3.5	4.2	5.7	3.9	3.3	3.5	6.5	4.3	5.6	6.8	34.5
Yampa	normal	1.3	3.4	1.3	1.4	1.6	1.4	2.1	1.6	1.4	1.3	1.3	1.1	19.3
	maximum	2.9	7.3	3.1	2.9	3.5	2.6	4.0	3.8	3.9	3.6	3.0	3.2	

Total Monthly Snowfall (inches)

Craig	normal	17.2	14.2	11.6	6.4	1.1	0.1	0	0	0.4	4.0	12.1	12.6	81.2
	maximum	45.5	37.5	27.0	16.0	7.0	2.0	0	0	5.0	20.0	25.0	42.0	121.8
Hayden	normal	29.2	18.5	14.1	8.8	1.2	0.3	0	0	0.2	6.3	17.4	24.3	119.3
	maximum	71.3	49.0	30.5	21.5	9.5	8.0	0	0	4.0	24.0	50.9	74.5	178.4
Steamboat Springs	normal	40.5	27.8	20.6	12.9	2.4	0.3	0	0	0.3	8.0	25.0	35.2	179.4
	maximum	111.6	51.0	35.1	31.4	10.2	5.6	0	0	3.2	32.3	57.0	92.6	301.4
Yampa	normal	21.8	15.2	17.7	12.6	2.9	0.2	0	0.1	0.6	7.9	19.2	19.6	118.8
	maximum	68.6	40.5	34.5	28.0	15.0	4.0	0	1.5	5.0	23.0	44.0	59.7	190.2

Frost Probability and Growing Season Length Summary

		Spring Frost Probability			Fall Frost Probability			Length of Growing Season		
		90%	**50%**	**10%**	**10%**	**50%**	**90%**	**10%**	**50%**	**90%**
Craig	32º threshold	May 10	**May 17**	May 29	Sept 4	**Sept 18**	Oct 1	92	**111**	131
	28º threshold	Apr 29	May 9	May 20	Sept 16	Sept 27	Oct 8	123	140	158
	24º threshold	Apr 10	Apr 25	May 11	Sept 22	Oct 6	Oct 20	145	163	182
Hayden	32º threshold	May 17	**June 3**	June 20	Aug 29	**Sept 14**	Oct 1	79	**104**	128
	28º threshold	Apr 24	May 16	June 6	Sept 9	Sept 24	Oct 9	103	132	160
	24º threshold	Apr 14	Apr 28	May 12	Sept 18	Oct 3	Oct 17	134	158	181
Steamboat Springs	32º threshold	June 11	**June 26**	July 10	Aug 1	**Aug 24**	Sept 17	28	**60**	91
	28º threshold	May 11	June 2	June 25	Aug 28	Sept 12	Sept 28	69	102	135
	24º threshold	Apr 23	May 15	June 5	Sept 11	Sept 22	Oct 3	104	130	156
Yampa	32º threshold	June 6	**June 21**	July 6	Aug 22	**Sept 8**	Sept 24	53	**79**	104
	28º threshold	May 20	June 5	June 22	Aug 31	Sept 16	Oct 2	79	102	126
	24º threshold	May 1	May 25	June 18	Sept 14	Sept 28	Oct 11	97	126	154

Site Information	Station	Number	Elevation	Latitude	Longitude
	Craig	51932	6440	40º 27''	107º 36'
	Hayden	53867	6340	40º 30'	107º 15'
	Steamboat Springs	57936	6770	40º 30'	106º 50'
	Yampa	59265	7890	40º 09'	106º 54'

Typical planting and harvest period based on average frost dates and normal temperatures

	Late April	Early May	Mid May	Late May	Early June	Mid June	Late June	Early July	Mid July	Late July	Early Aug.	Mid Aug.	Late Aug.	Early Sept.	Mid Sept.	Late Sept.
Craig	40-50 day, cool season crops (spinach, lettuce)														**FROST**	
	55-60 day cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard),															
	65-70 day, cool season crops (peas)															
	75 day, cool season crops															
			50 day, semi-tender, warm season crops (summer squash)													
			55-60 day, semi-tender, warm season crops (cucumbers)													
			65 day, semi-tender, warm season crops													
			70 day, semi-tender, warm season crops (beans)													
			75 day, semi-tender, warm season crop (corn)													
			FROST		70 day, tender, warm season crop (tomatoes, peppers, eggplant)											
							70-75 day cool season crops									
								60-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)								
									45-55 day, cool season crops (lettuce, kohlrabi)							
										40 day, cool season crops (spinach)							

	Late April	Early May	Mid May	Late May	Early June	Mid June	Late June	Early July	Mid July	Late July	Early Aug.	Mid Aug.	Late Aug.	Early Sept.	Mid Sept.	Late Sept.
Steamboat Springs							**FROST**						**FROST**			
					40 day, cool season crops (spinach)											
					45-50 day, cool season crops (lettuce, kohlrabi)											
					55 day, cool season crops											
					60-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)											
					70-75 day cool season crops											

	Late April	Early May	Mid May	Late May	Early June	Mid June	Late June	Early July	Mid July	Late July	Early Aug.	Mid Aug.	Late Aug.	Early Sept.	Mid Sept.	Late Sept.
Hayden			40 day, cool season crops (spinach)												**FROST**	
			45-50 day, cool season crops (lettuce, kohlrabi)													
			55-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)													
			70-75 day, cool season crops													
					50 day, semi-tender, warm season crops (summer squash)											
					55 day, semi-tender, warm season crops											
					60 day, semi-tender, warm season crops (cucumbers)											
					65 day, semi-tender, warm season crops											
					70 day, semi-tender, warm season crops (beans)											
					FROST	70 day, tender, warm season crops (tomatoes, peppers, eggplants)										
							70-75 day, cool season crops									
								55-65 day, cool season crops (beets, broccoli, cabbage, cauliflower, chard, peas)								
									45-50 day, cool season crops (lettuce, kohlrabi)							
										40 day, cool season crops (spinach)						

	Late April	Early May	Mid May	Late May	Early June	Mid June	Late June	Early July	Mid July	Late July	Early Aug.	Mid Aug.	Late Aug.	Early Sept.	Mid Sept.	Late Sept.
Yampa							**FROST**							**FROST**		
					40-45 day, cool season crops (spinach, lettuce)											
					50-55 day, cool season crops (kohlrabi)											
					60-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)											
					70-75 day, cool season crops											

Prepared by David Whiting Extension Consumer Horticulture Specialist (retired), Department of Horticulture and LA, Colorado State University
Source: Colorado Climate Center at www.wrcc.dri.edu/summary/climsmco.html

o CMG GardenNotes are available online at www.cmg.colostate.edu.
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o CSU Extension programs are available to all without discrimination.