



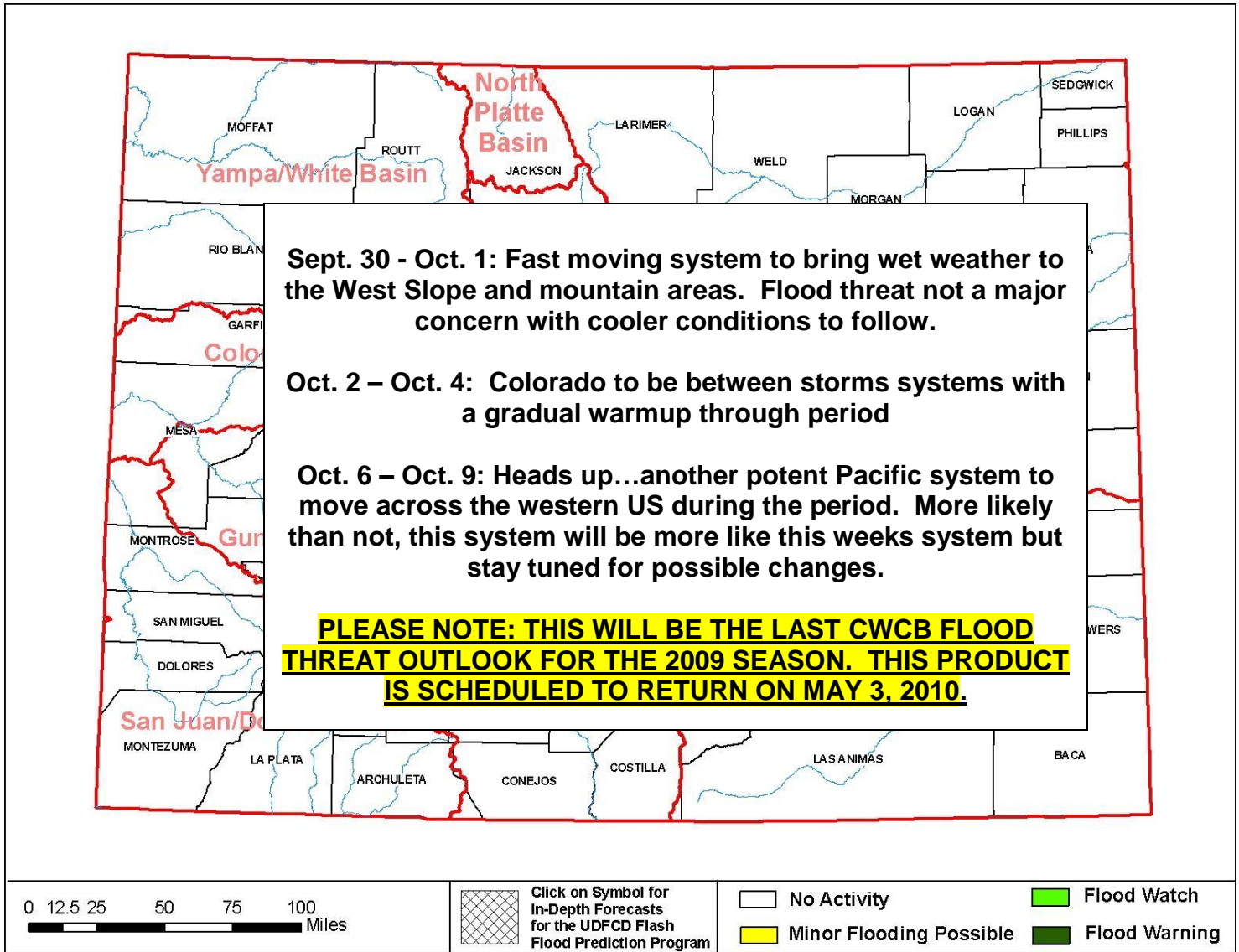
HDR Weather Services

INTERNET: www.HDRWeather.com E-MAIL: HDRWeather@hdrinc.com
Colorado Water Conservation Board

DATE: 1200 PM, Monday, Sept. 28, 2009 Meteorologist: Bill Badini

=====FLOOD THREAT OUTLOOK=====

===== 2 to 15 DAY FLOOD THREAT and PRECIPITATION OUTLOOK=====



Looking ahead at flood threats for the next 15 days

Sept. 30 – Oct. 1: A fast moving storm system will cross the Rockies and more specifically, Colorado during this two-day period. Although a brief period of showers and even occasional thunderstorms will develop, the availability of moisture to make this system a real concern from a flooding standpoint is not significant enough to become a great concern. Many mountain locations above 7,500' in the west and just along and east of the Cont. Divide may see some brief but, appreciable snowfall Wednesday night into Thursday as the cold front passes through (3"-8" snow).

appears to be all that will The impact across the eastern plains/Front Range should be limited to light scattered showers for a brief period as any Gulf of Mexico-based moisture will be shunted just to the east of Colorado when the cold-frontal based strong thunderstorms are expected to develop. The near eastern border counties will be updated on any changes in this threat Wednesday in the Flood Threat Bulletin should conditions warrant.

Oct. 2 – Oct. 4: This Friday-Sunday period will find the state ‘in between’ Pacific-based storm system with a cool start and a gradual warm-up through the period. Some lingering light shower activity will be possible for the most locations in the state but, anything more than light showers is not expected.

Oct. 5 – Oct. 9: This time frame appears to be favorable for Colorado to have another strong Pacific-based storm to impact the state. To summarize: this storm appears to have the same general impacts for next week (light/occasionally moderate rain/snow west-brief showers east) as this weeks’ system. The only word of caution for this is IF this system moves further south and slower than currently forecast (which is entirely possible given some of the biases that are observed in the 7-10 day forecasts) then...the state might face a brief autumn flooding threat. Climatology suggests that the only parts of the state that have experienced appreciable flooding rains in October in the past are the SW Mountains/4-Corners area and a potential quick hitting thunderstorm on the plains, generally east of I-25 but, more so Colorado State Hwy. 71 (i.e. Rocky Ford to New Raymer line). Keep and eye on your local forecasts as this period approaches, just to be sure.

Oct. 10 – Oct. 13: Another storm system, like that described in the 10/5-10/9 period, could easily impact the state as the general atmospheric pattern over the Pacific Ocean appears to be active, even for October as seasonal changes are afoot.

Weekly Flood Threat Table

Basin	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.	Mon.
South Platte							
Arkansas							
Front Range							
Dolores/San M							
Gunnison							
Colorado							
Yampa-White							

10-Day Outlook: Sept. 29 – Oct. 8, 2009 (Updated 9-28-2009)

MOST LIKELY 10-DAY PRECIPITATION AMOUNTS AND (PROBABILITY)

Basin	Sept. 30 – Oct. 1	Oct. 2 - Oct. 4	Oct. 5 - Oct. 8
South Platte	0.05”- 0.35” (40%)	0.05”- 0.20” (20%)	0.35”- 0.70” (40%)
Front Range	0.10”- 0.40” (30%)	0.05”- 0.20” (20%)	0.20”- 0.50” (30%)
Arkansas	0.05”- 0.25” (30%)	0.05”- 0.15” (20%)	0.10”- 0.35” (30%)
Gunnison	0.20”- 0.60” (60%)	0.05”- 0.20” (30%)	0.20”- 0.60” (30%)
Rio Grande	0.10”- 0.40” (40%)	0.05”- 0.20” (30%)	0.00”- 0.40” (40%)
Dolores/San Juan	0.20”- 0.65” (60%)	0.05”- 0.25” (30%)	0.25”- 0.65” (60%)
Up. Colorado	0.20”- 0.65” (70%)	0.10”- 0.20” (30%)	0.20”- 0.65” (60%)
Yampa/White	0.20”- 0.60” (70%)	0.10”- 0.20” (30%)	0.20”- 0.60” (40%)
No. Platte	0.10”- 0.50” (60%)	0.05”- 0.15” (20%)	0.10”- 0.50” (40%)