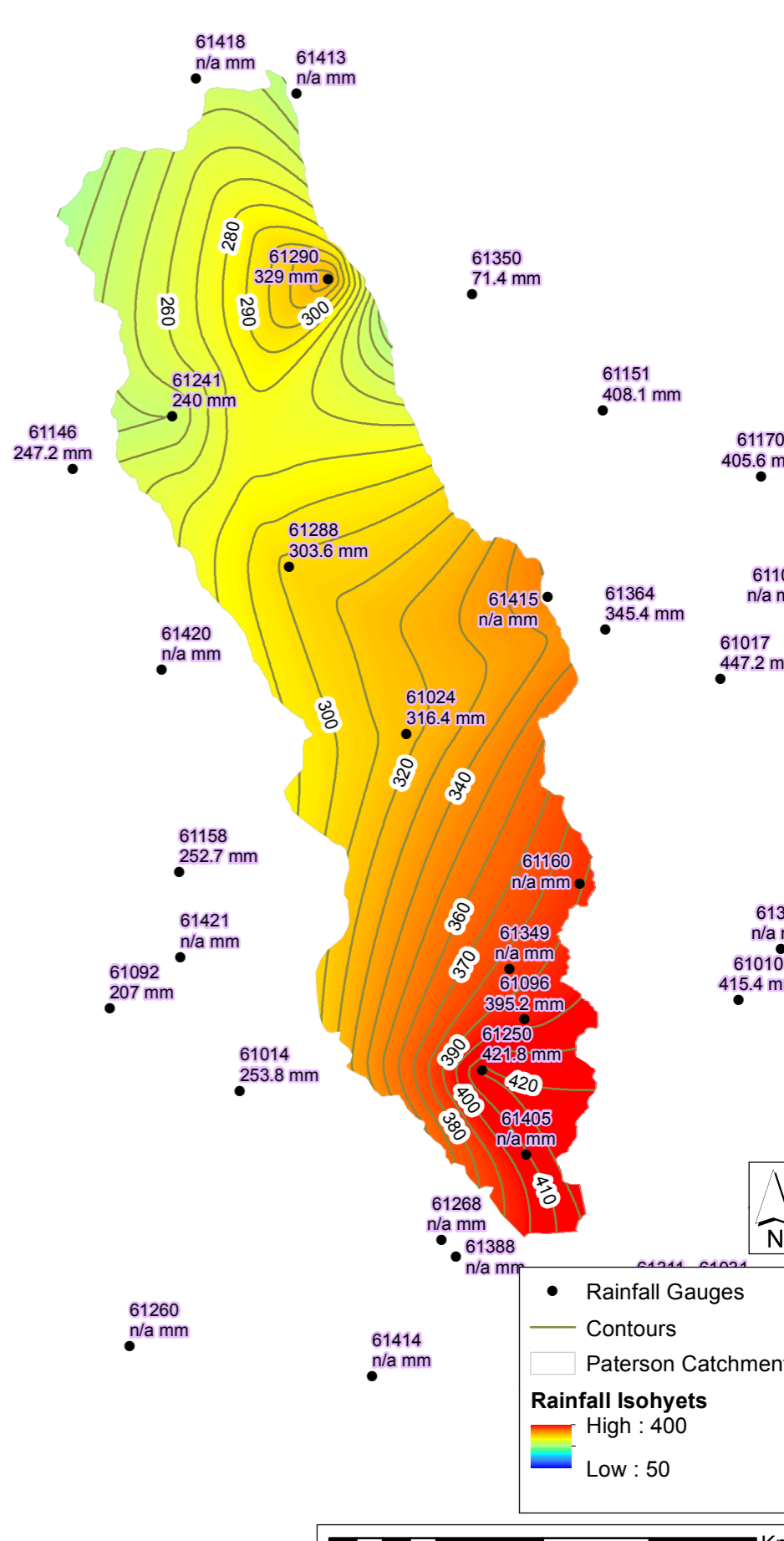
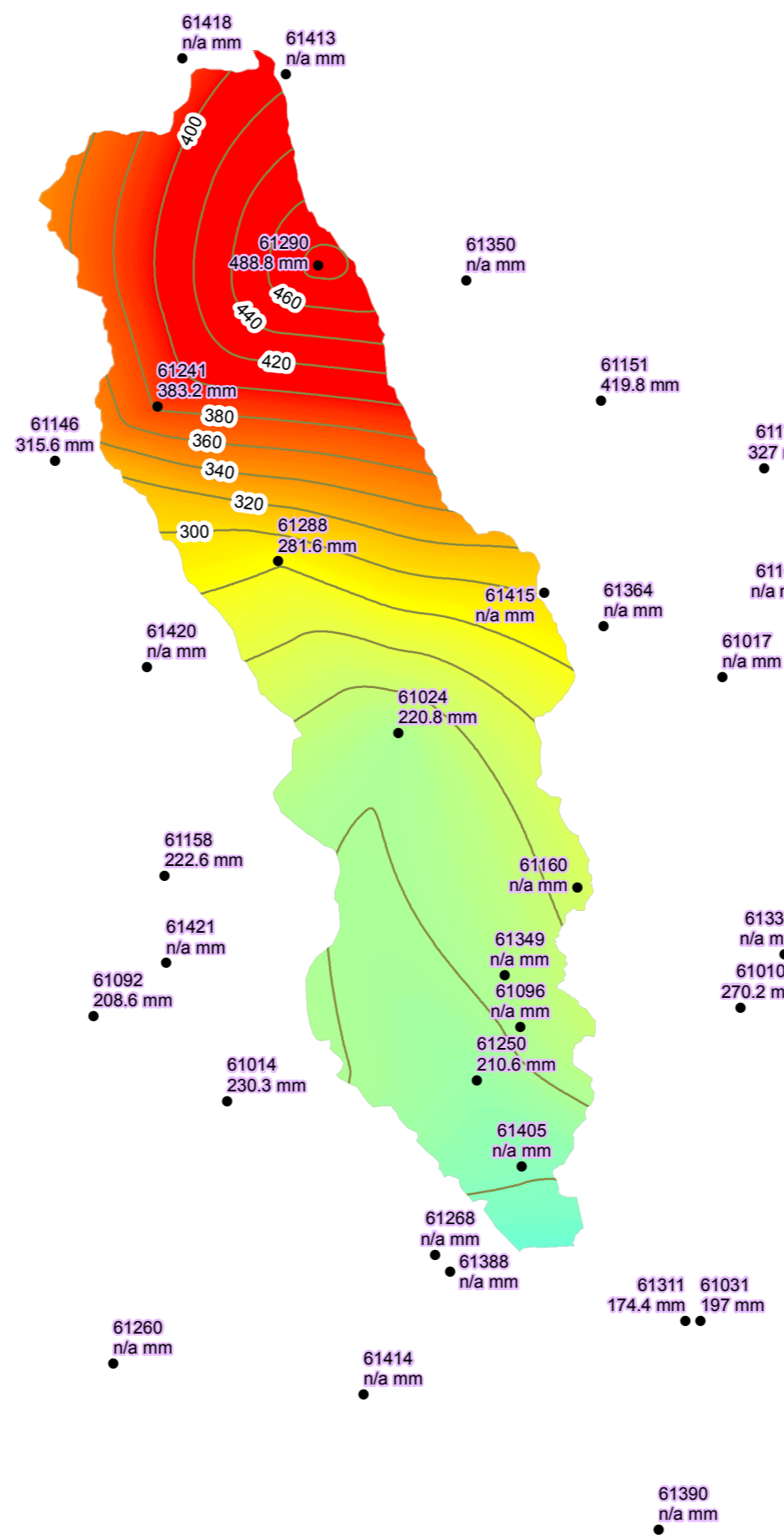
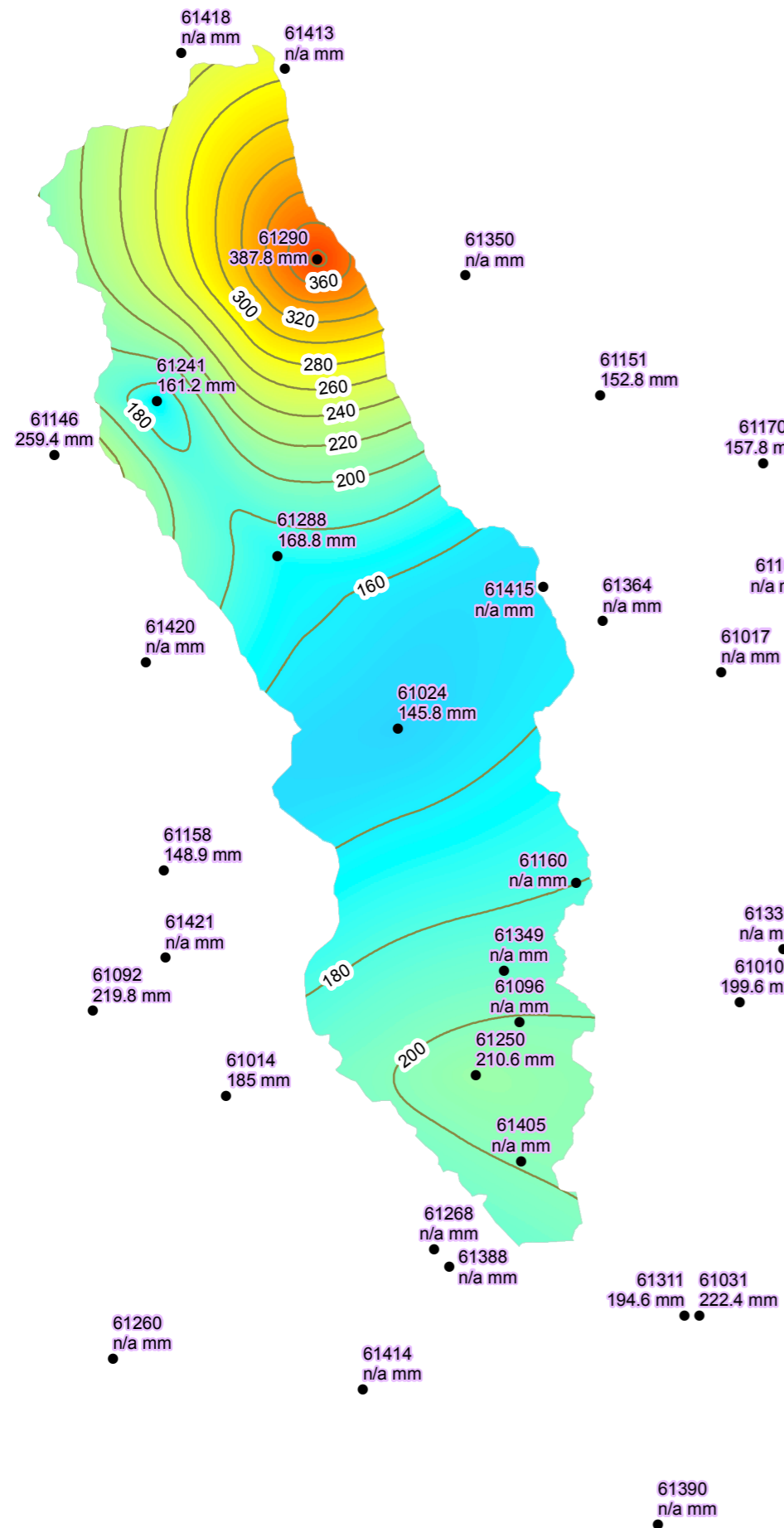


**MARCH 1977 EVENT**  
**5 DAY EVENT**  
 Accumulated totals are for the period from 9 am 1/3/1977 to 9 am 6/3/1977

**MARCH 1978 EVENT**  
**5 DAY EVENT**  
 Accumulated totals are for the period from 9 am 17/3/1978 to 9 am 22/3/1978

**FEBRUARY 1990 EVENT**  
**5 DAY EVENT**  
 Accumulated totals are for the period from 9 am 1/2/1990 to 9 am 6/2/1990

**FIGURE 30**  
**HISTORICAL RAINFALL ISOHYETS**

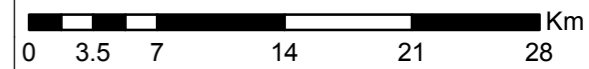


- Rainfall Gauges
- Contours
- Paterson Catchment

**Rainfall Isohyets**

High : 400

Low : 50



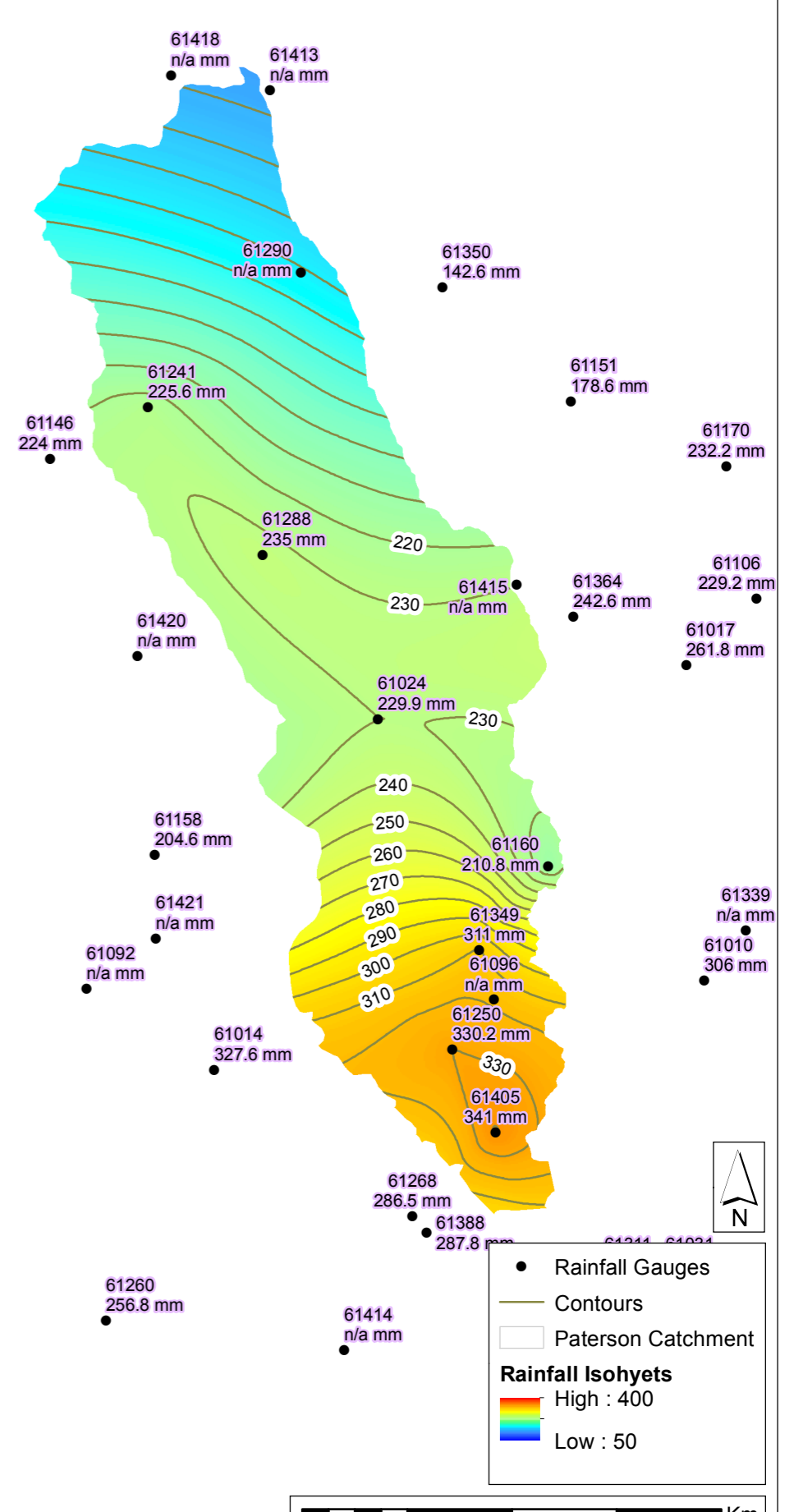
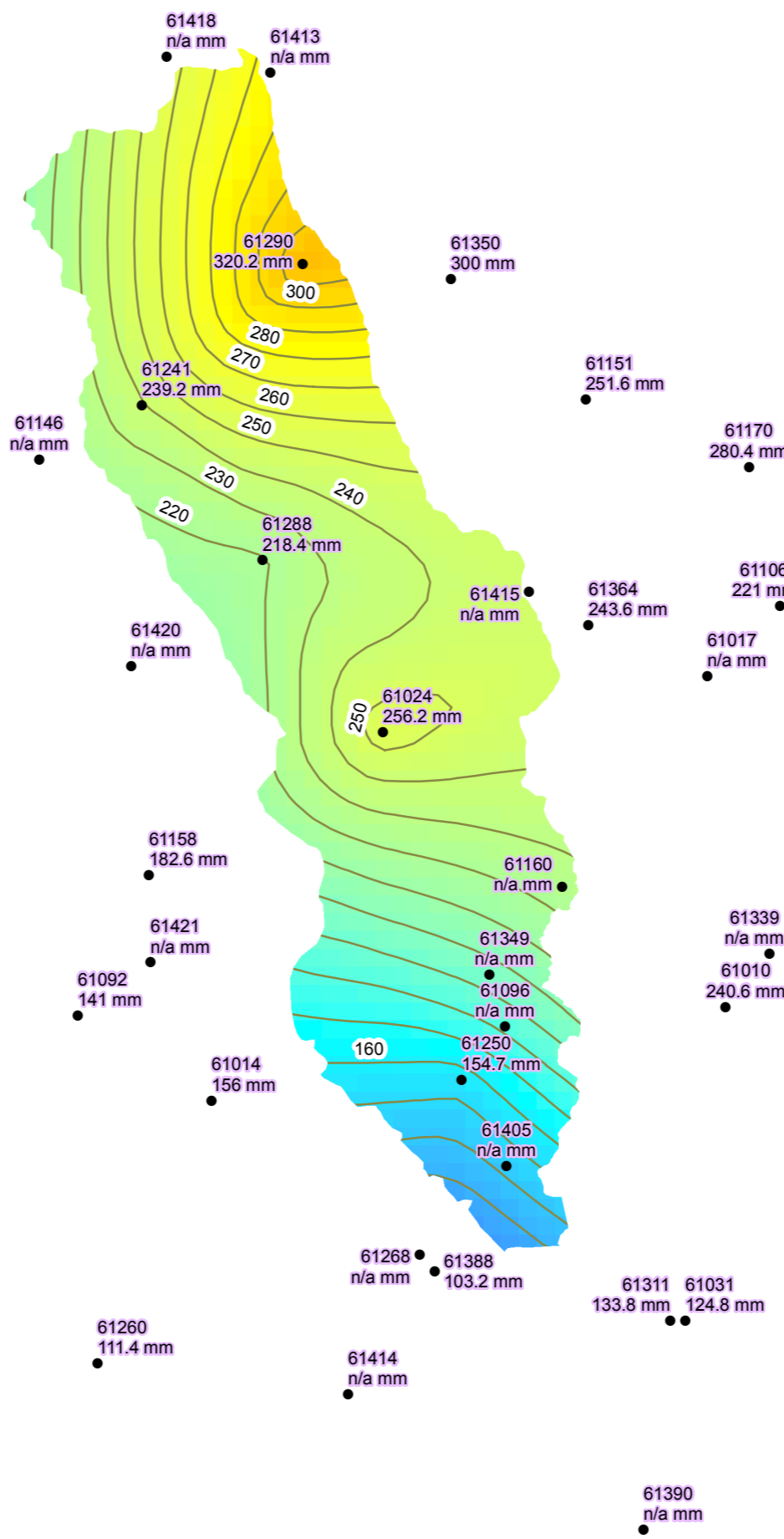
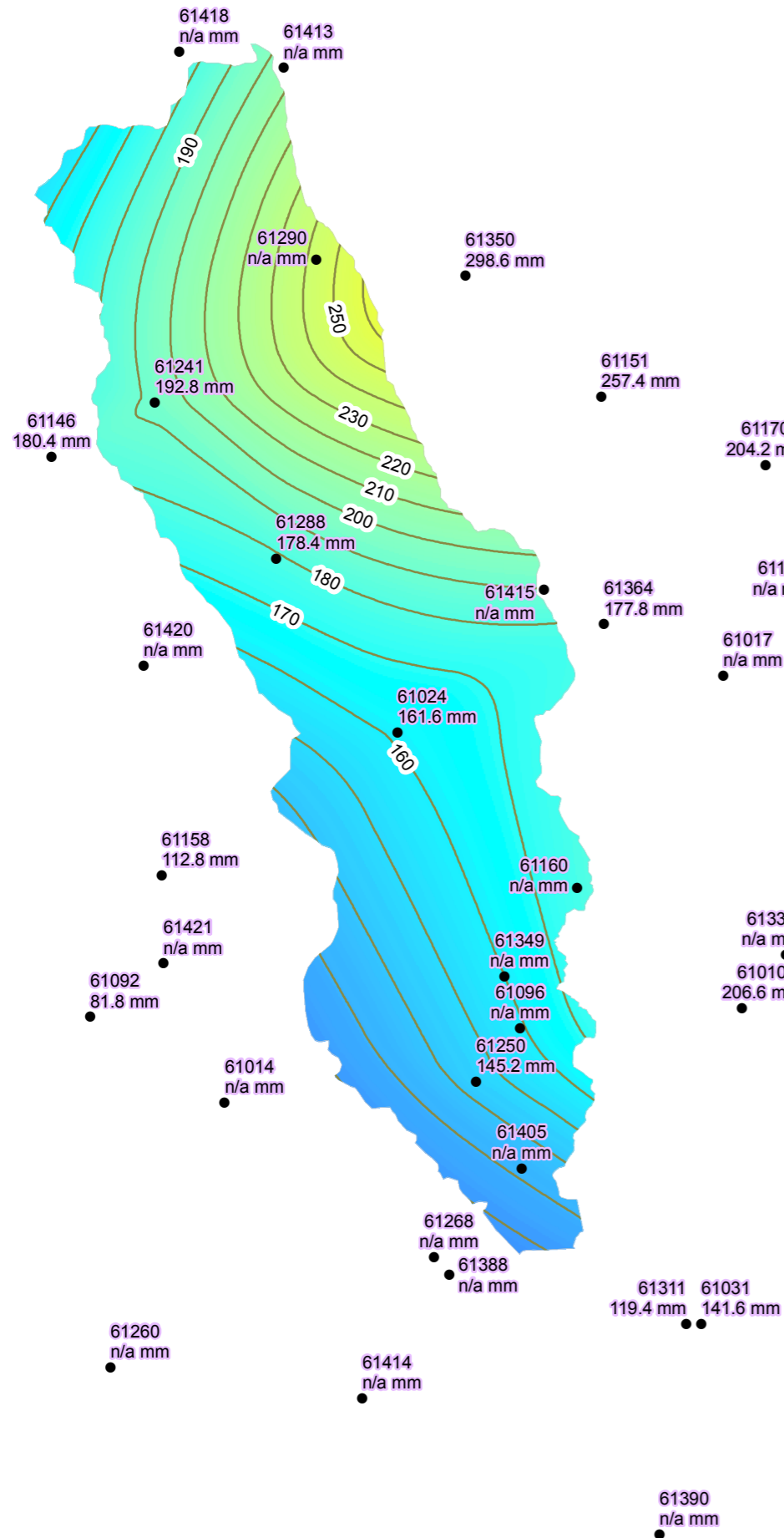
J:\Jobs\114084\Arc\ArcMaps\Report\_Figures\Figure30\_HistoricalRainIsohyets\_77\_78\_90.mxd

**MARCH 1995 EVENT**  
**6 DAY EVENT**  
 Accumulated totals are for the period from 9 am 2/3/1995 to 9 am 8/3/1995

**MARCH 2001 EVENT**  
**8 DAY EVENT**  
 Accumulated totals are for the period from 9 am 06/03/2001 to 9 am 14/03/2001

**JUNE 2007 EVENT**  
**4 DAY EVENT**  
 Accumulated totals are for the period from 9 am 6/6/2007 to 9 am 10/6/2007

**FIGURE 31**  
**HISTORICAL RAINFALL ISOHYETS**

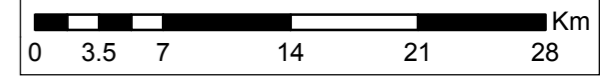


- Rainfall Gauges
- Contours
- Paterson Catchment

**Rainfall Isohyets**

High : 400

Low : 50



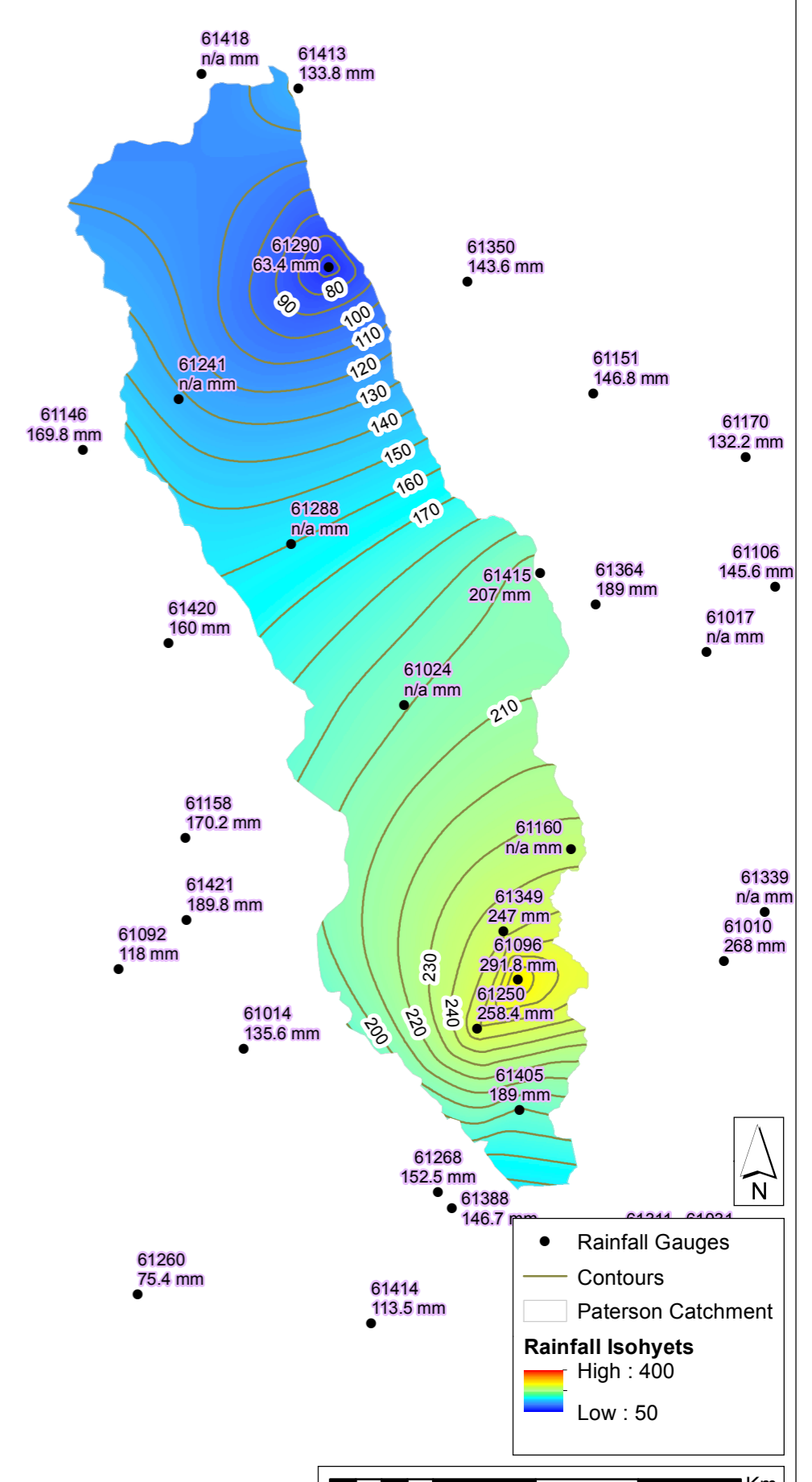
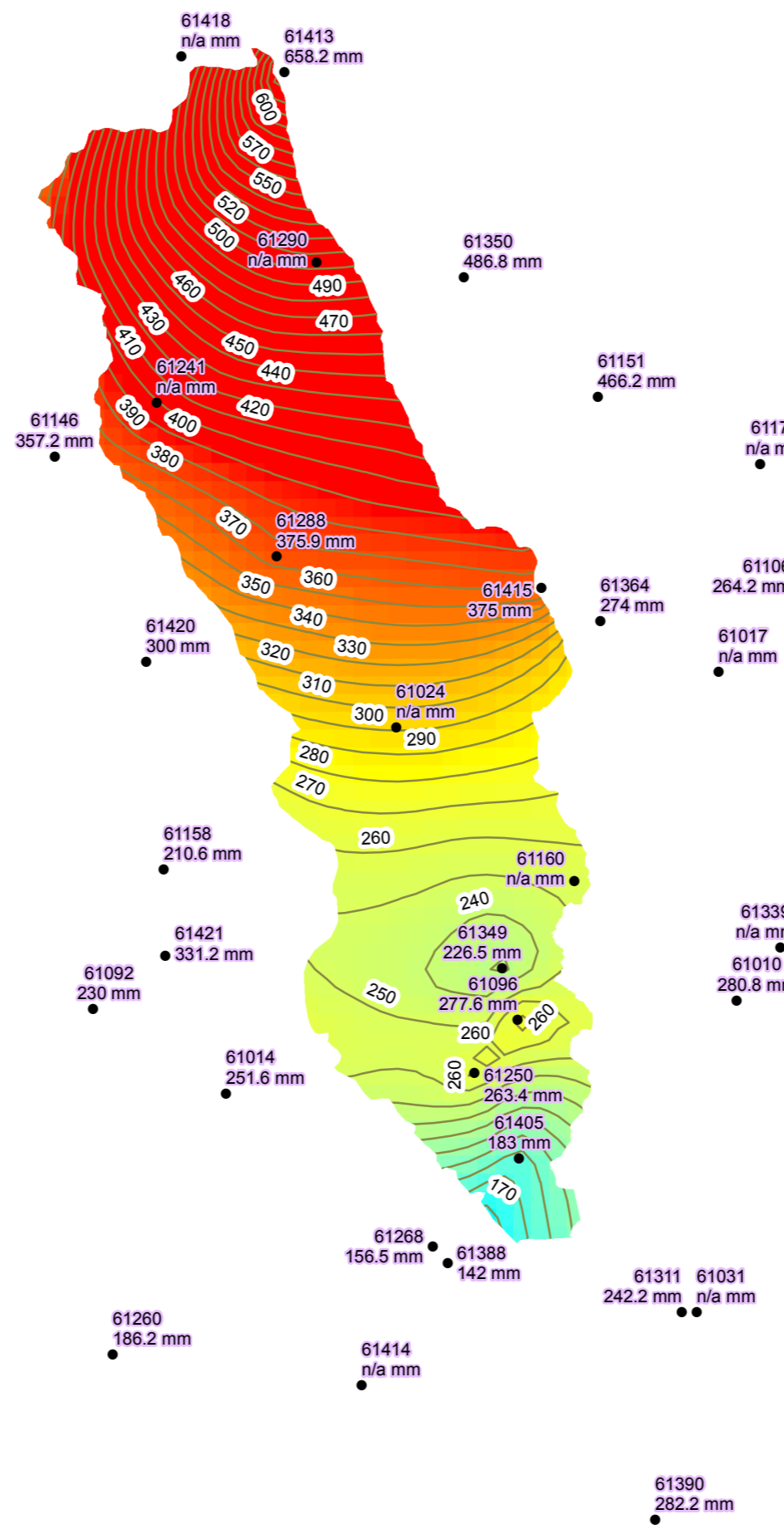
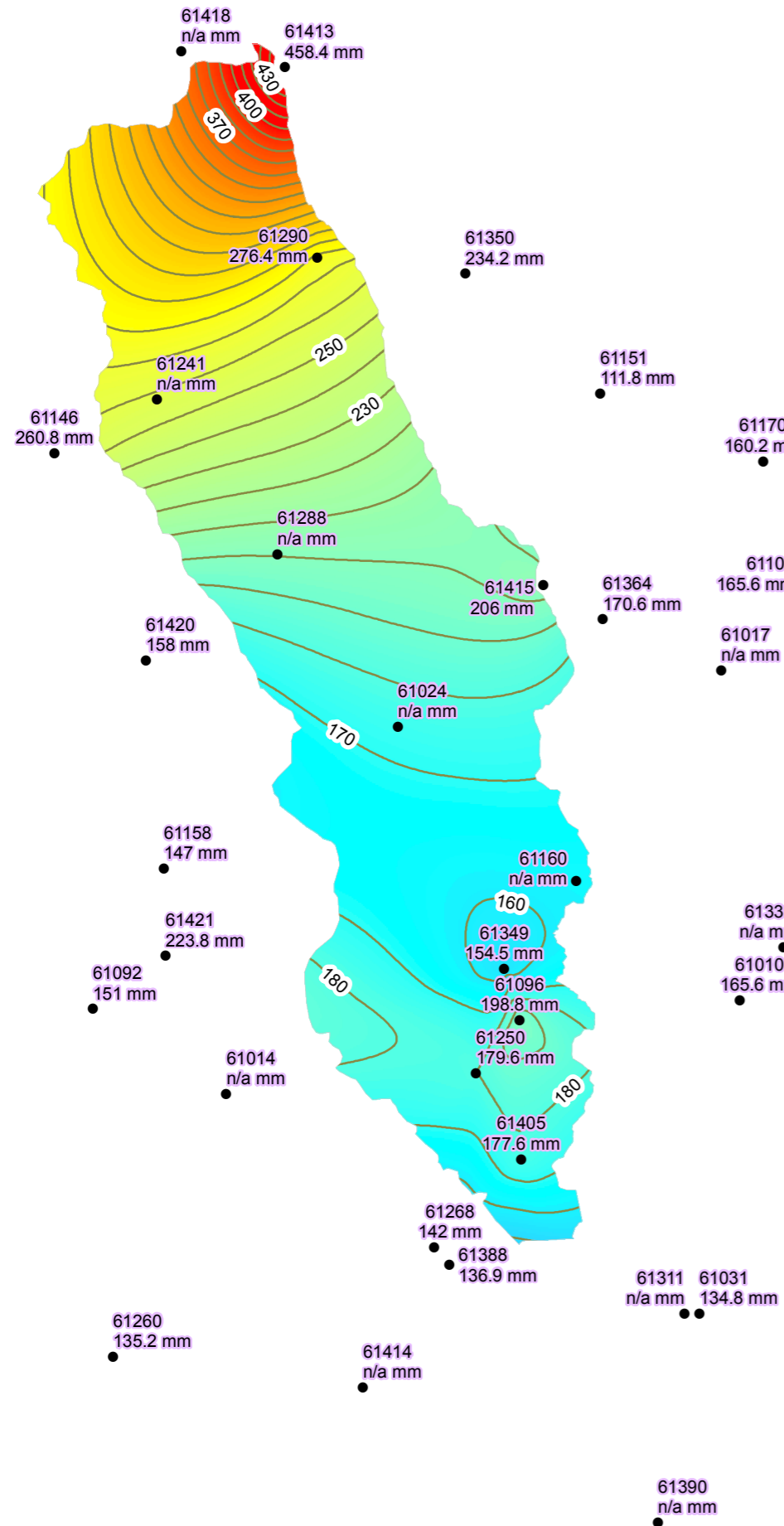
J:\Jobs\114084\Arc\ArcMaps\Report\_Figures\Figure31\_HistoricalRainIsohyets\_95\_01\_07.mxd

**JUNE 2011 EVENT**  
**5 DAY EVENT**  
 Accumulated totals are for the period from 9 am 12/06/2011 to 9 am 17/06/2011

**MARCH 2013 EVENT**  
**12 DAY EVENT**  
 Accumulated totals are for the period from 9 am 20/02/2013 to 9 am 04/03/2013

**NOVEMBER 2013 EVENT**  
**4 DAY EVENT**  
 Accumulated totals are for the period from 9 am 16/11/2013 to 9 am 20/11/2013

**FIGURE 32**  
**HISTORICAL RAINFALL ISOHYETS**

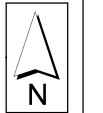
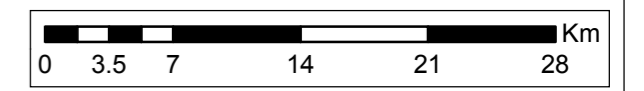


- Rainfall Gauges
- Contours
- Paterson Catchment

**Rainfall Isohyets**

High : 400

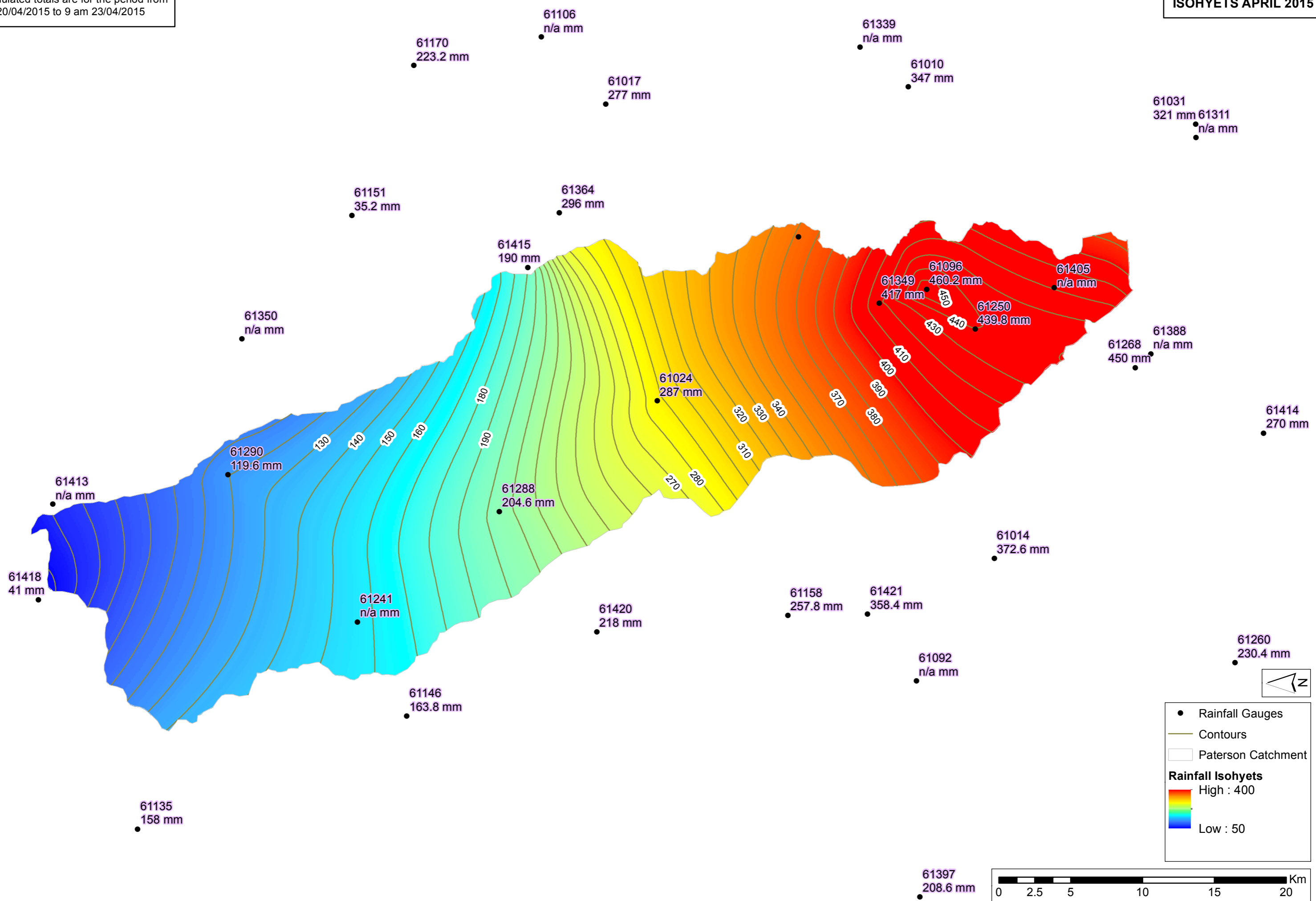
Low : 50



J:\Jobs\114084\Arc\ArcMaps\Report\_Figures\Figure32\_HistoricalRainIsohyets\_11\_13\_13.mxd

APRIL 2015 EVENT  
 3 DAY EVENT  
 Accumulated totals are for the period from  
 9 am 20/04/2015 to 9 am 23/04/2015

FIGURE 33  
 HISTORICAL RAINFALL  
 ISOHYETS APRIL 2015



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- Rainfall Gauges
- Contours
- Paterson Catchment

**Rainfall Isohyets**

High : 400

Low : 50

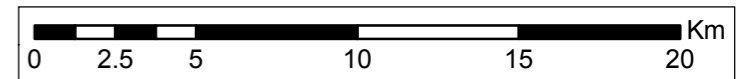


FIGURE 34a  
HYDROLOGICAL MODEL LAYOUT

