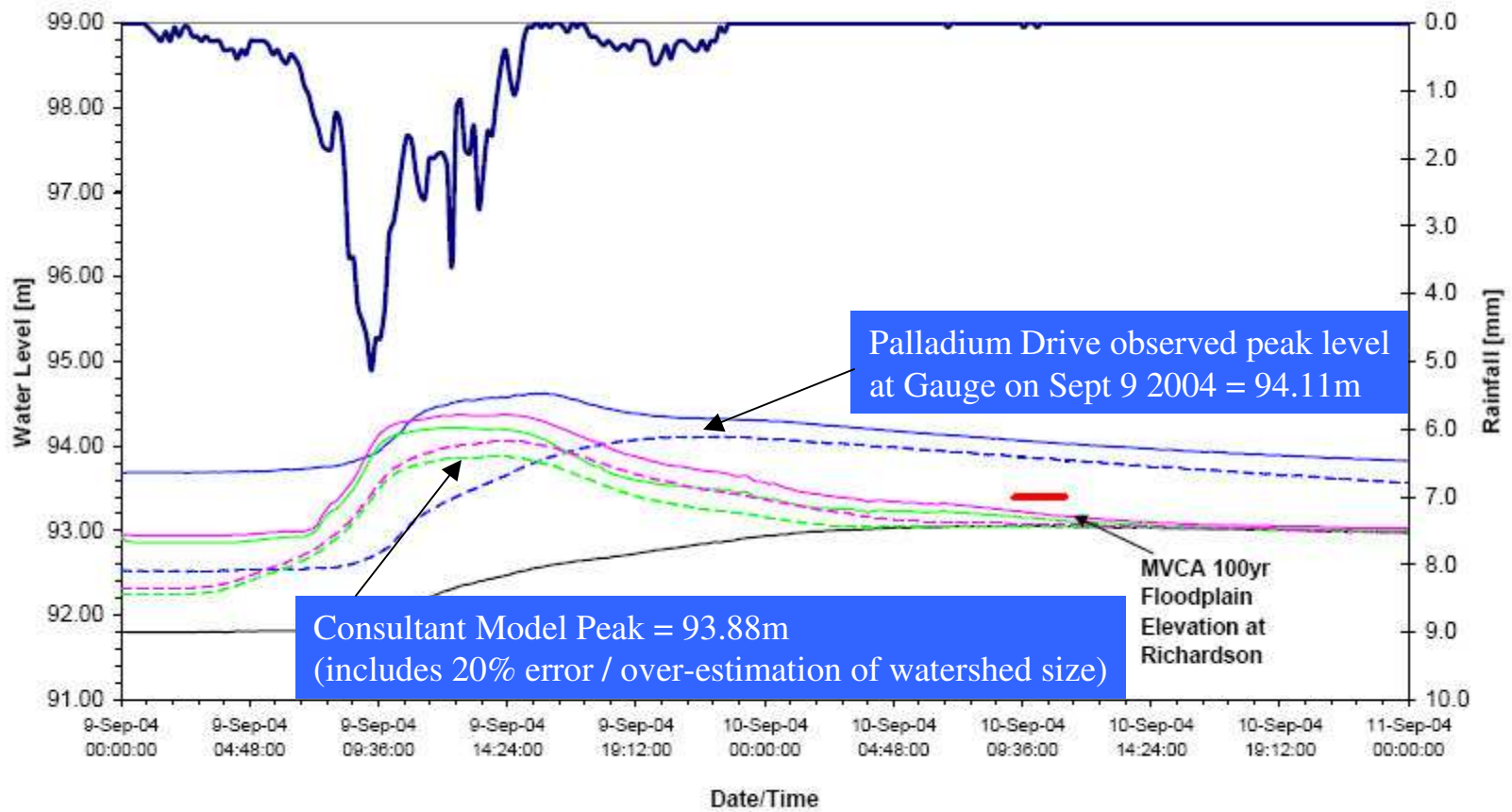


FIGURE 3-3: Carp River - "Hurricane Frances" September 9, 2004
Water Levels (Recorded & Modeled)



Consultant Model Peak = 93.88m
(includes 20% error / over-estimation of watershed size)

Palladium Drive observed peak level
at Gauge on Sept 9 2004 = 94.11m

MVCA 100yr
Floodplain
Elevation at
Richardson

| | | |
|---|---|-------------------------------|
| --- Palladium - Level Logger | --- Glen Cairn Pond - Level Logger | --- Richardson - Level Logger |
| --- Palladium - HEC RAS | --- Glen Cairn Pond - HEC RAS | --- MVCA Floodplain Map |
| --- Palladium - HEC RAS - 1.5 x Manning n | --- Glen Cairn - HECRAS - 1.5 x Manning n | --- Rainfall |