

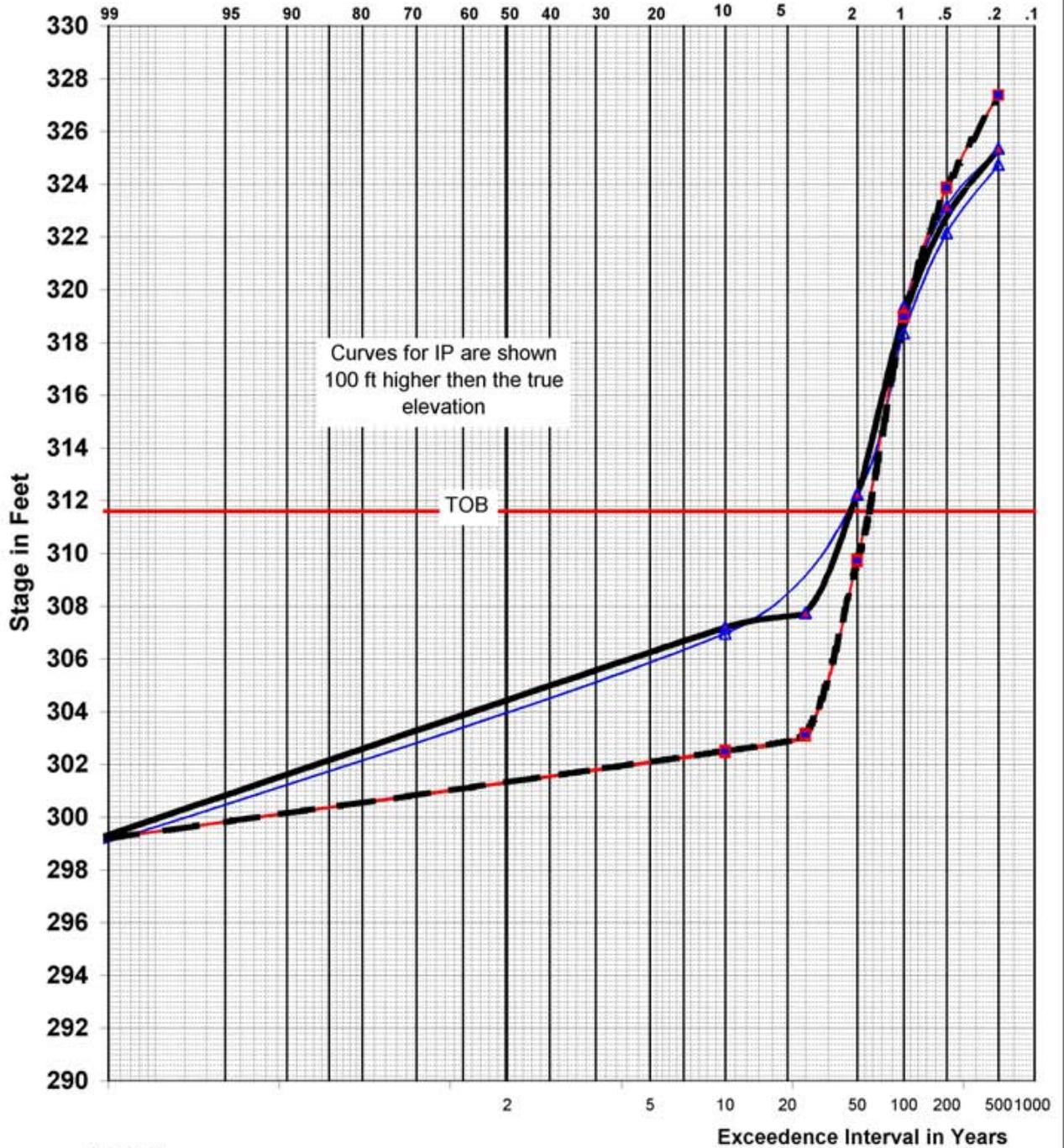
ATTACHMENT D.2

Without-Project Stage versus Frequency Curves

SAN JOAQUIN RIVER BASIN

December 2002

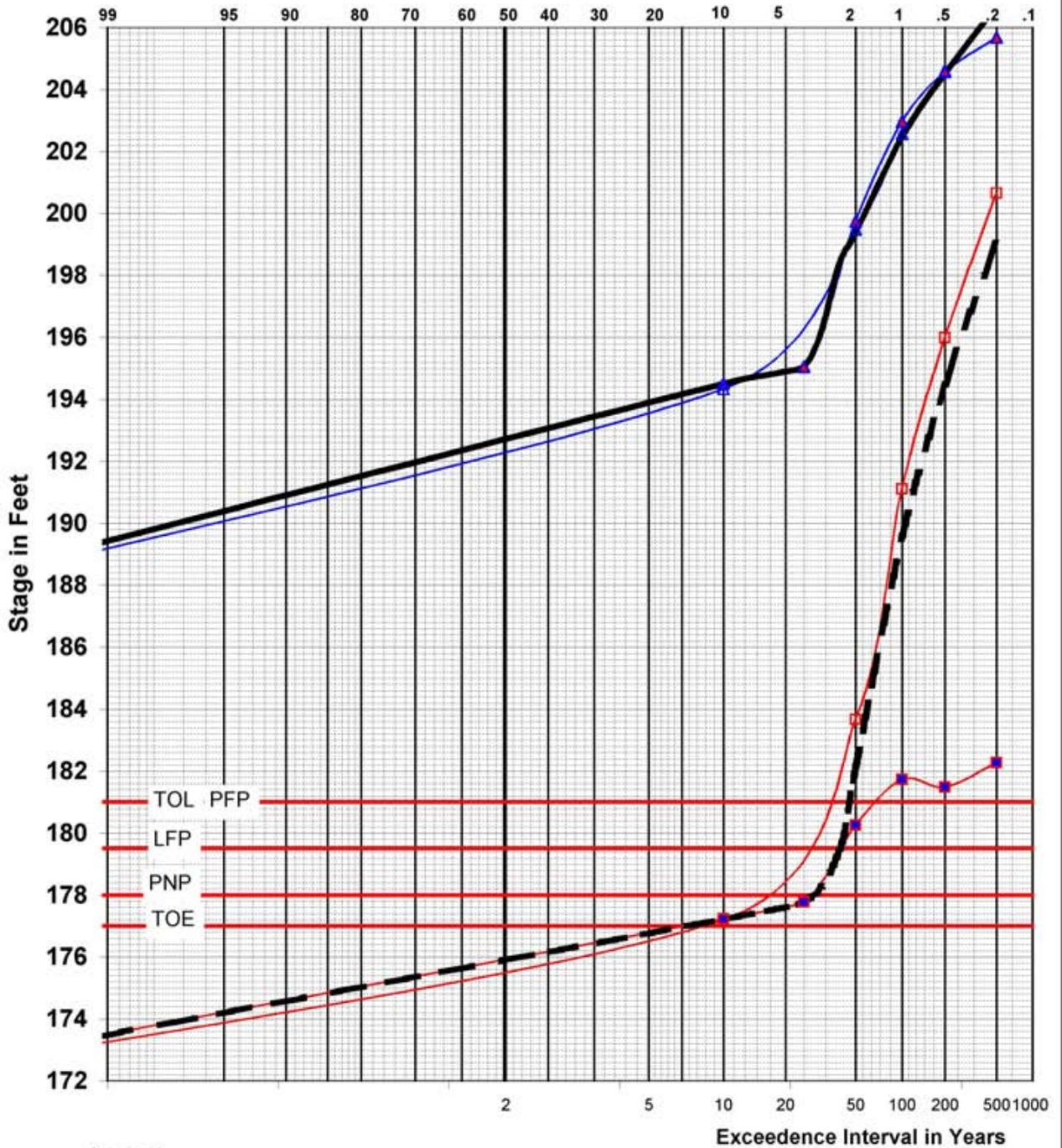
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ1	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-1

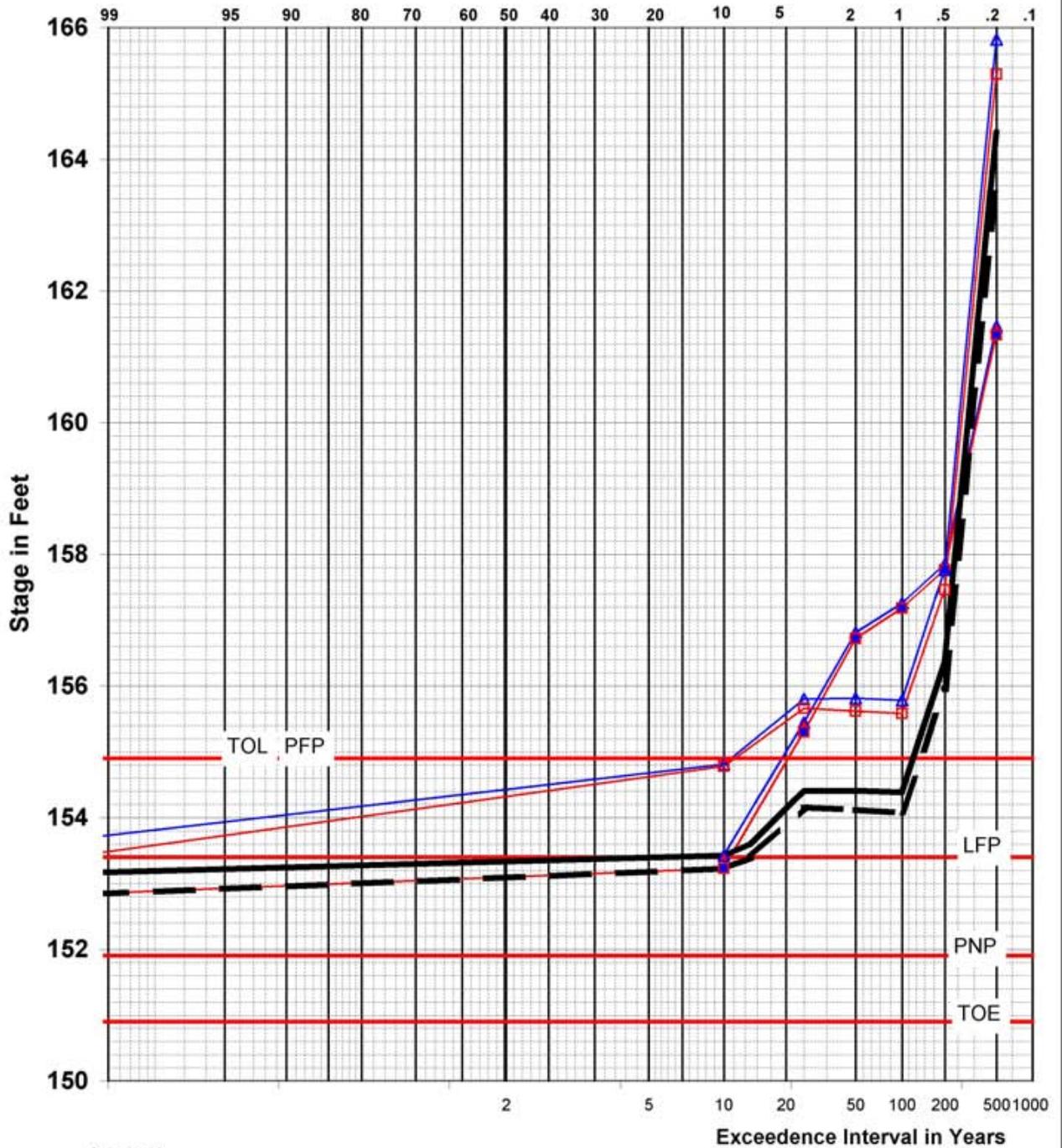
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ2	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-2

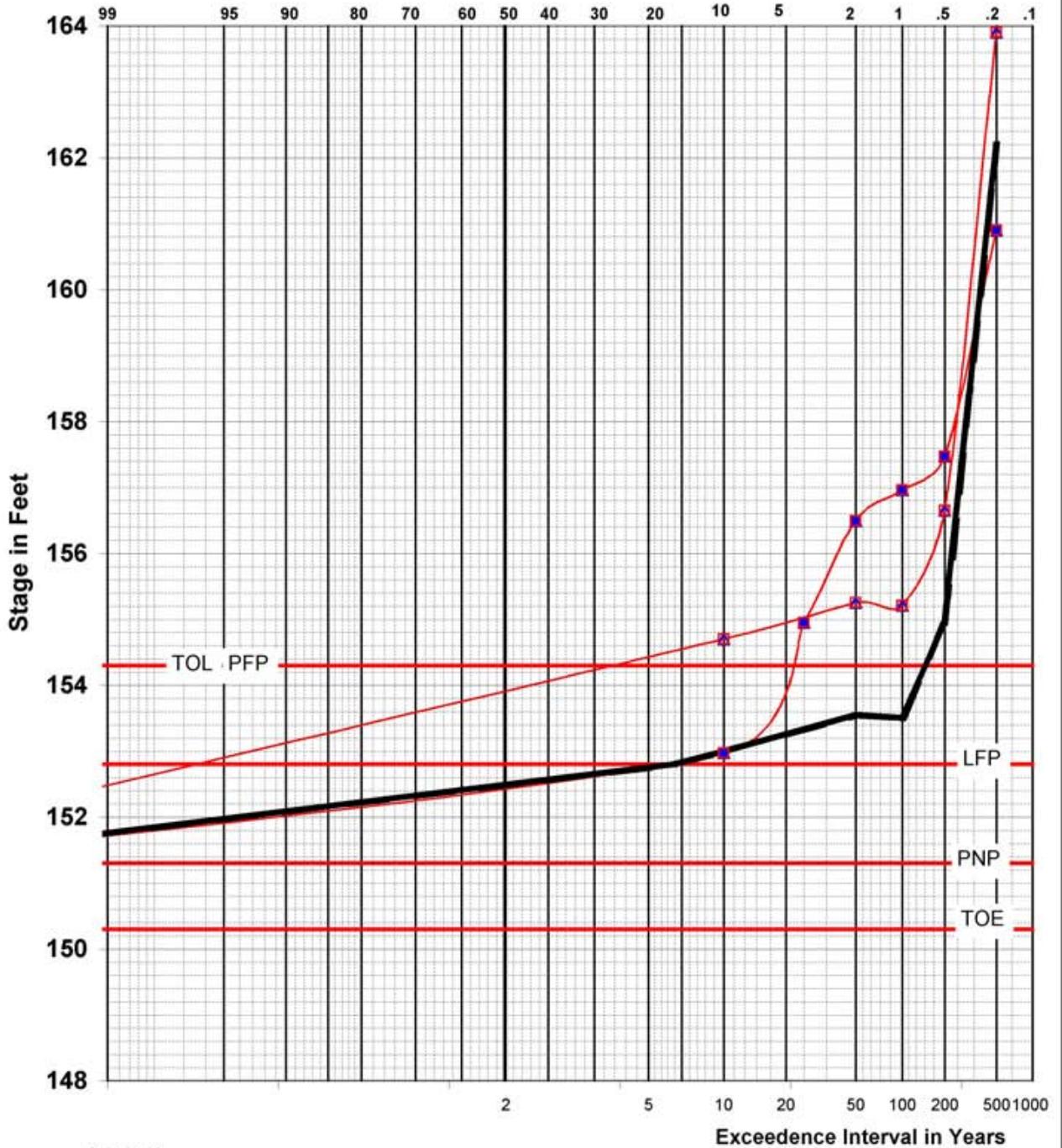
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ3	
Corps of Engineers, Sacramento District	October 2002
	PLATE D.2-3

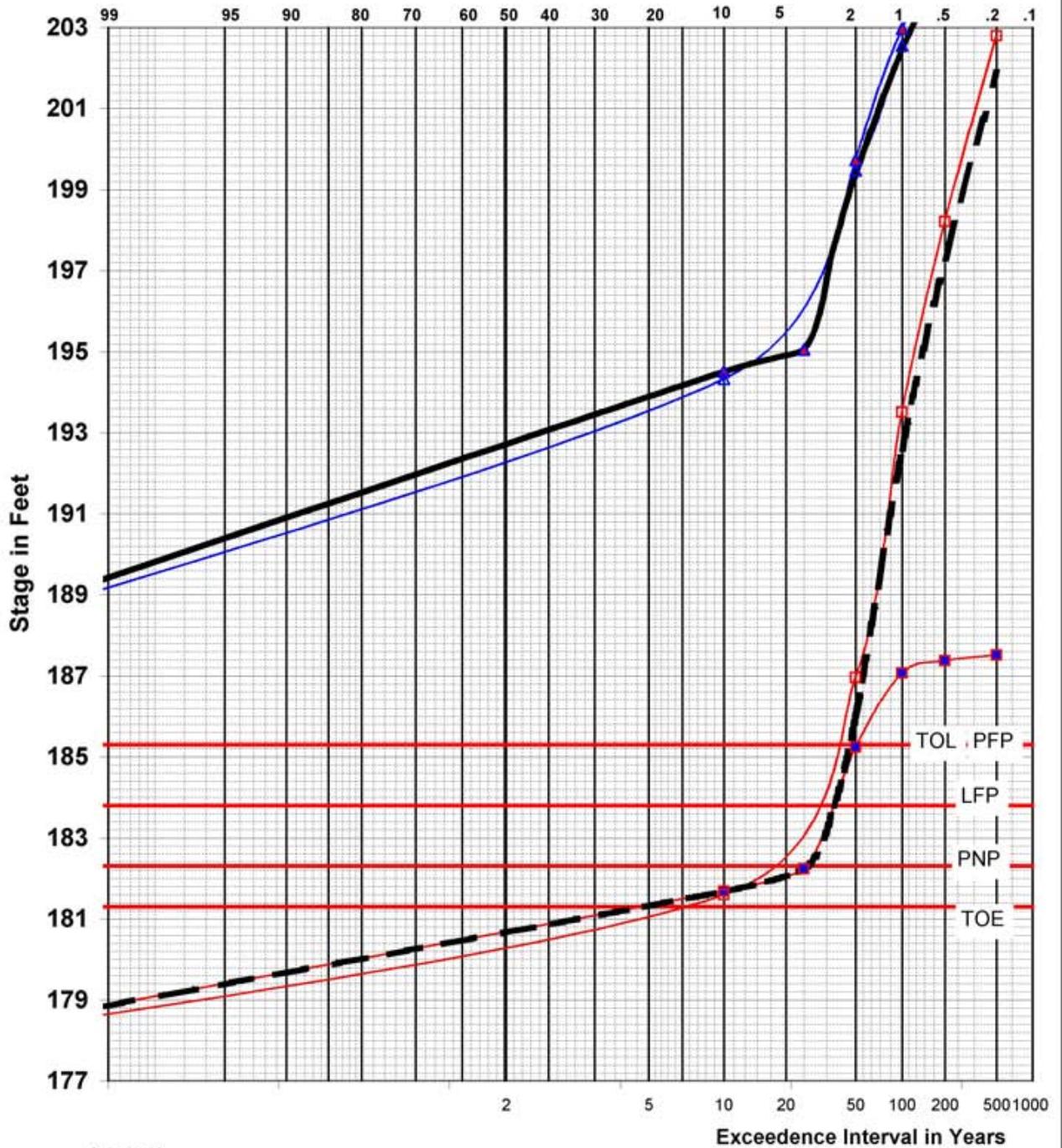
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

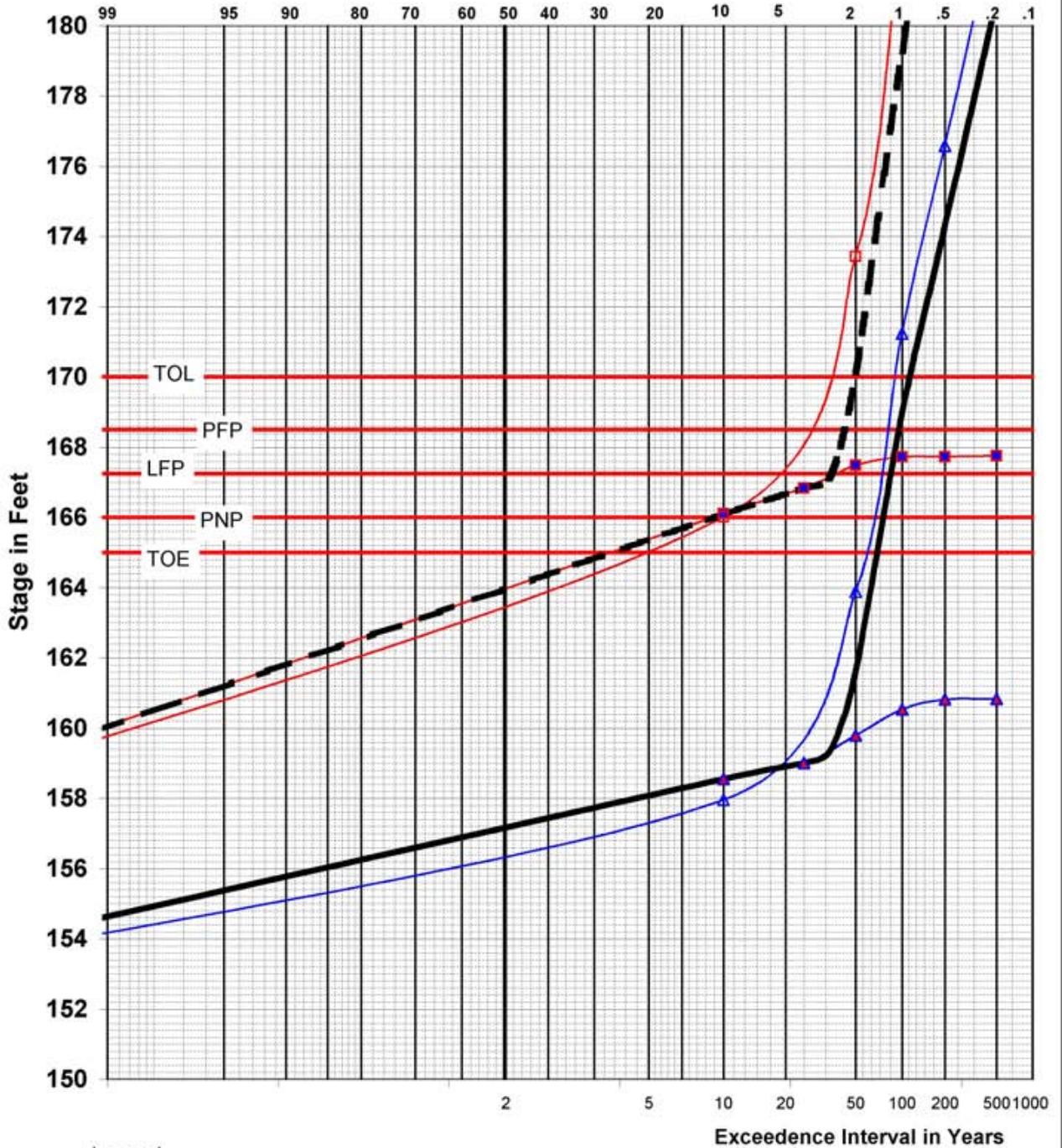
COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ4	
Corps of Engineers, Sacramento District	October 2002
PLATE D.2-4	

Exceedence frequency per 100 years



COMPREHENSIVE STUDY
 Phase II Economics
STAGE FREQUENCY CURVE
 RISK BASED ANALYSIS
 SAN JOAQUIN RIVER
 DAMAGE AREA SJ5
 Corps of Engineers, Sacramento District
 October 2002 PLATE D.2-5

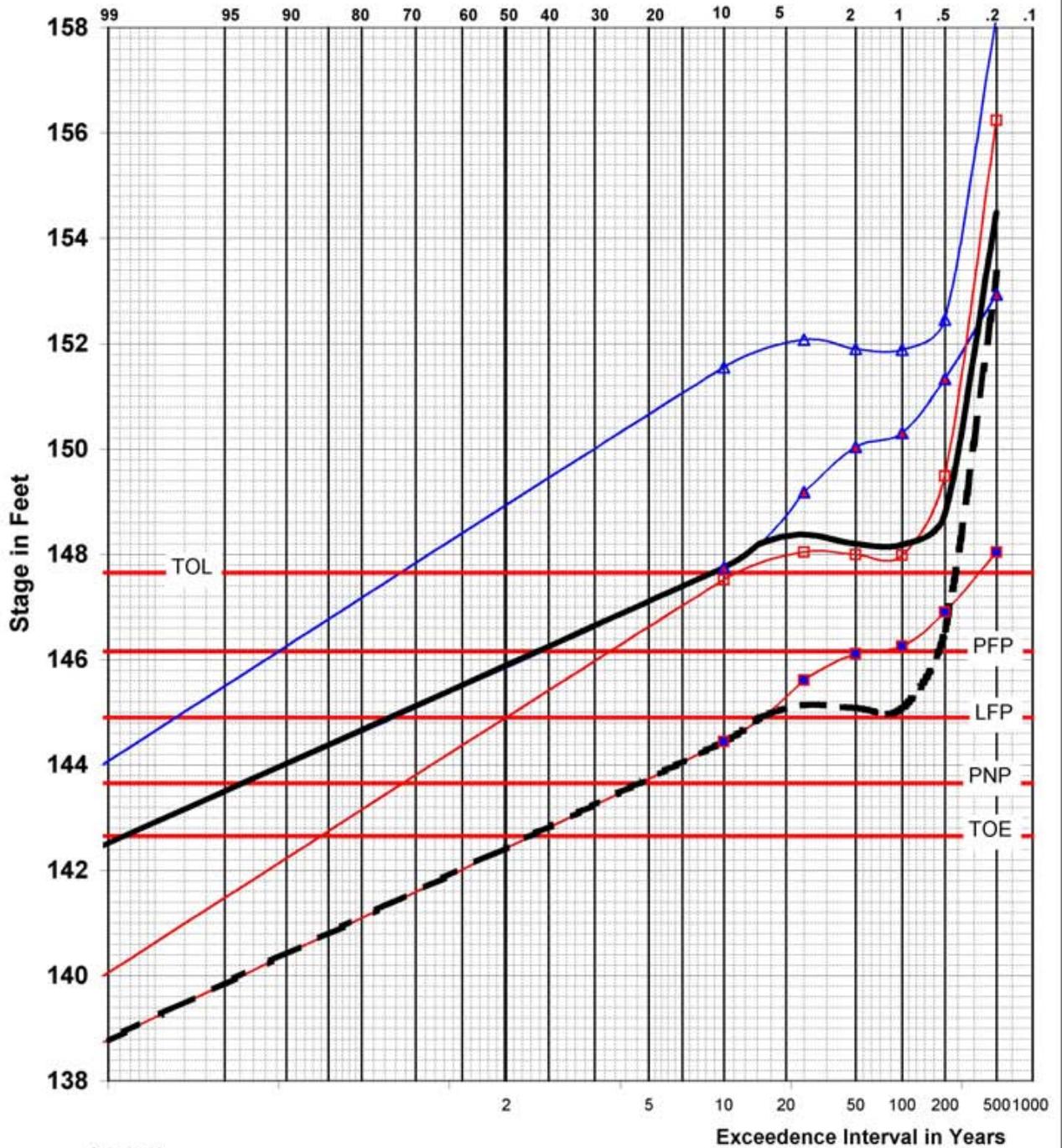
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ6	
Corps of Engineers, Sacramento District	October 2002
PLATE D.2-6	

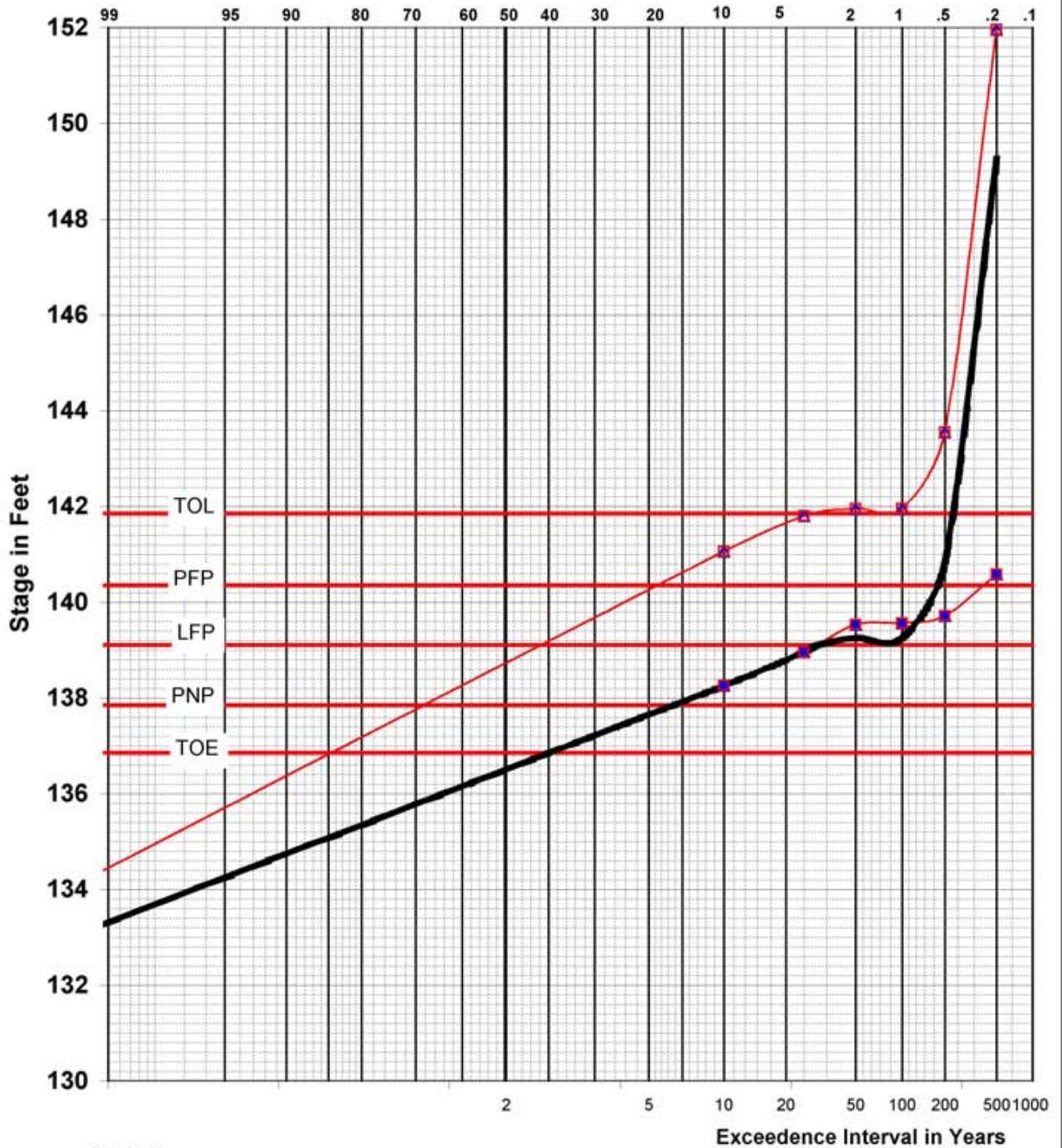
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ7	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-7

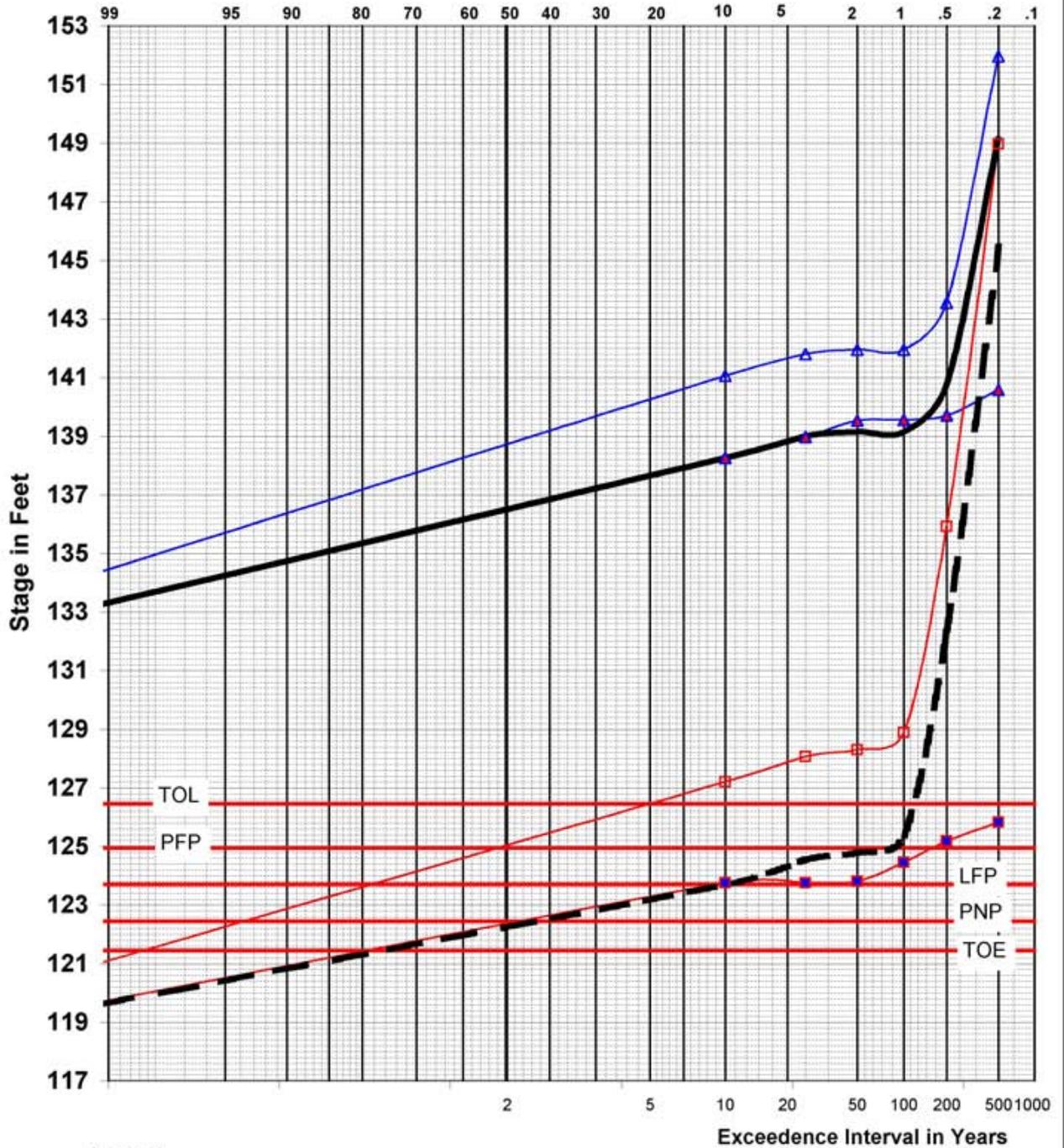
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ8	
Corps of Engineers, Sacramento District	October 2002
	PLATE D.2-8

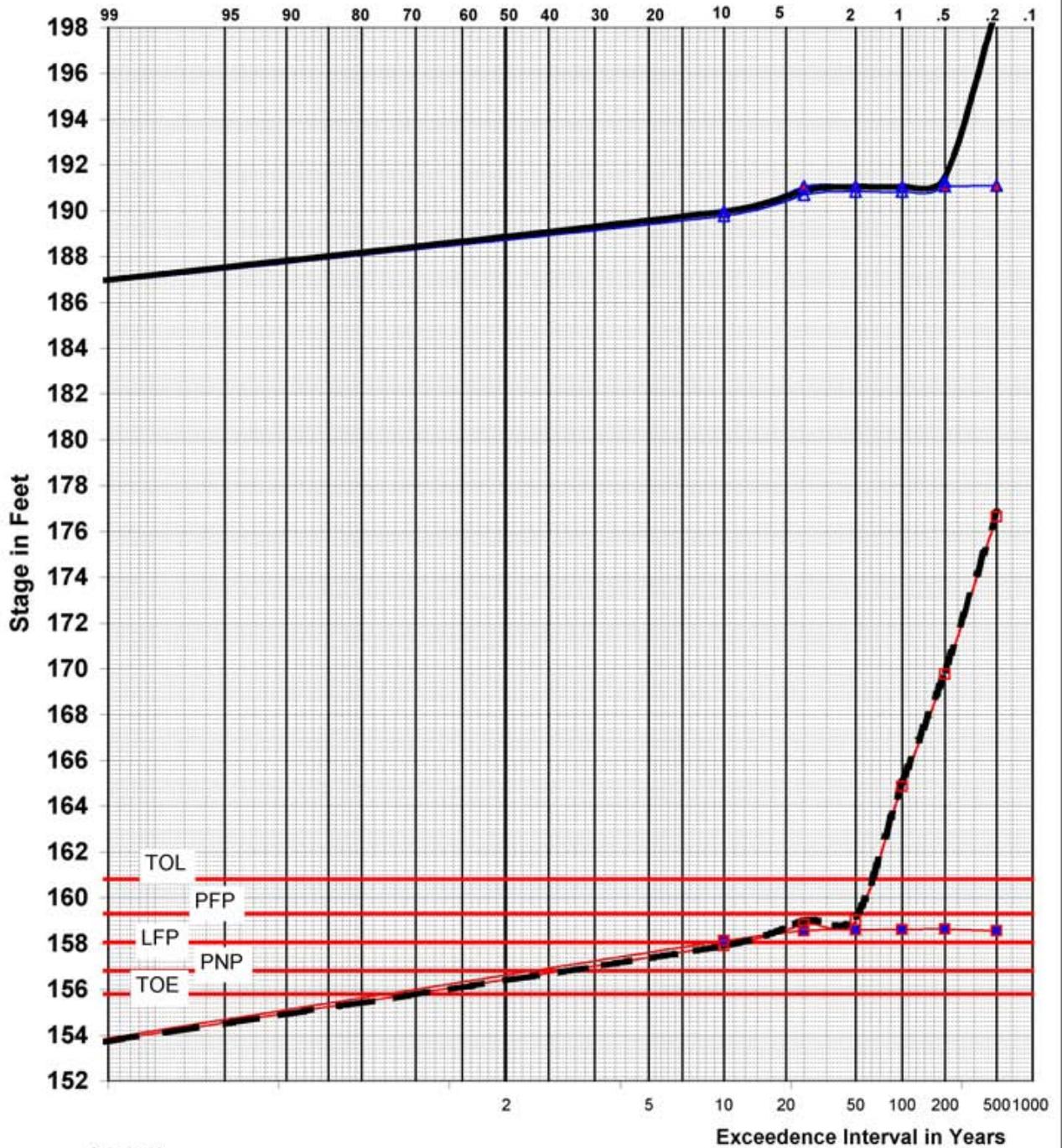
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ9	
Corps of Engineers, Sacramento District	October 2002
PLATE D.2-9	

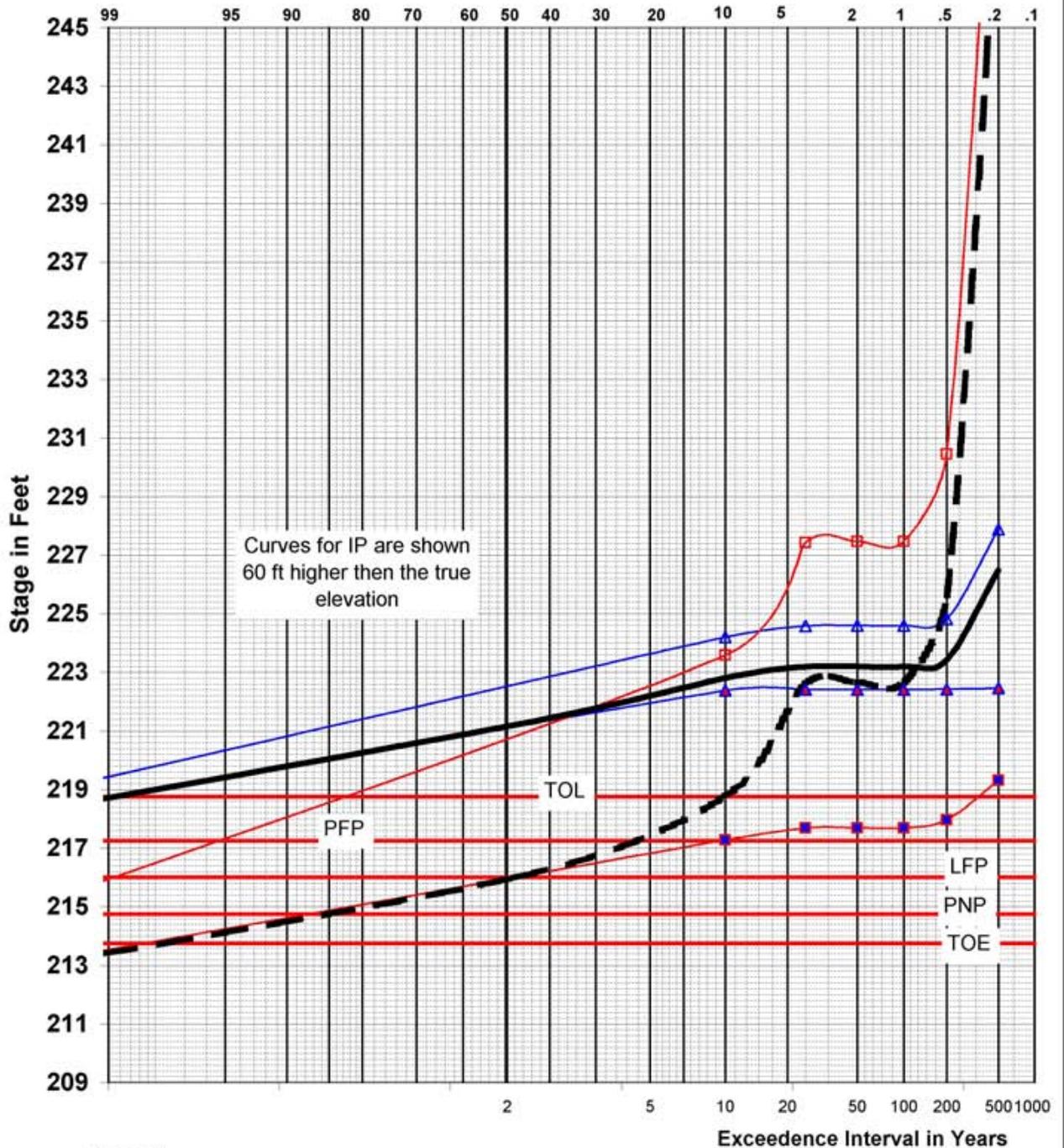
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ11	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-10

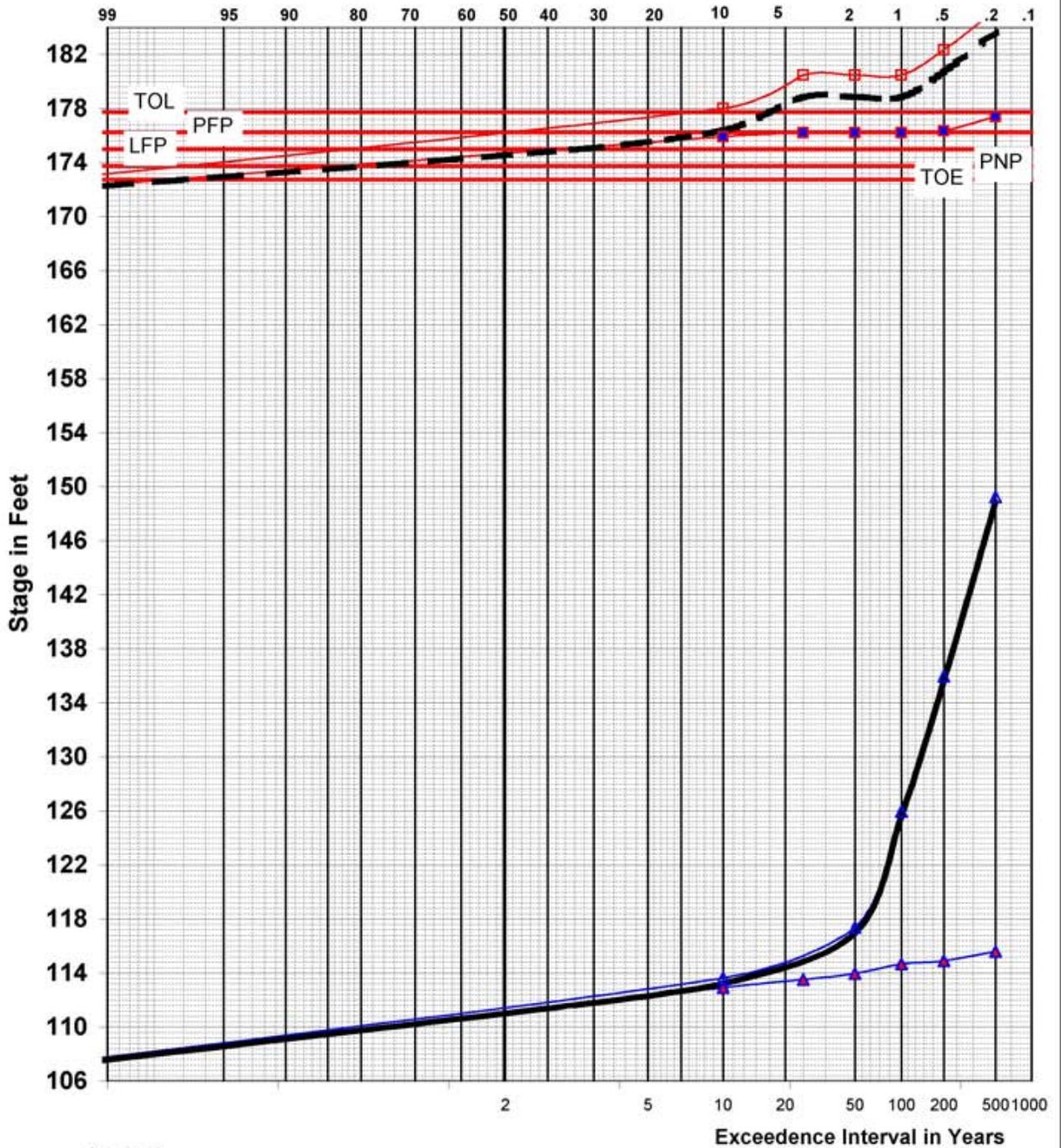
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ12	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-11

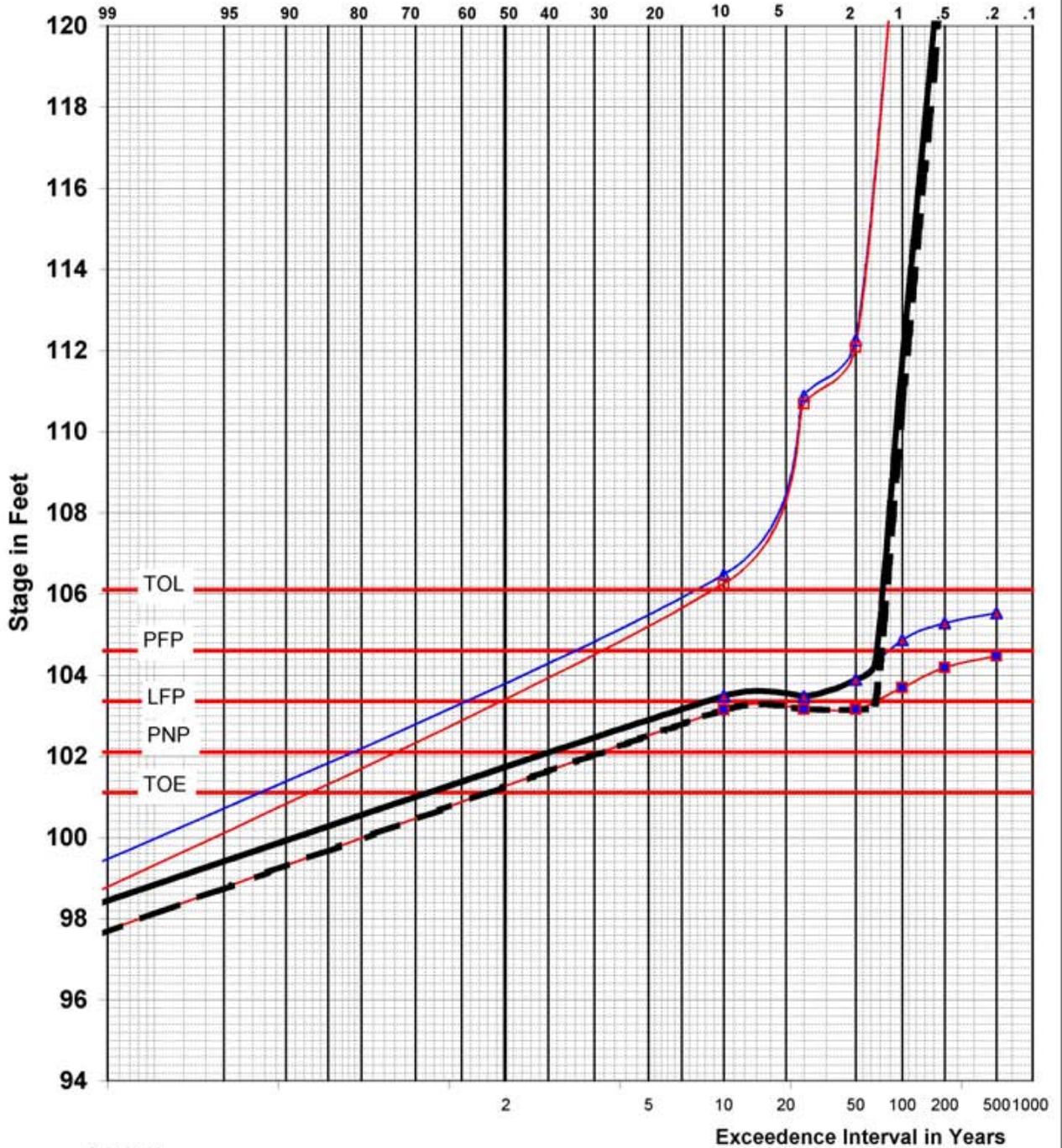
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ13	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-12

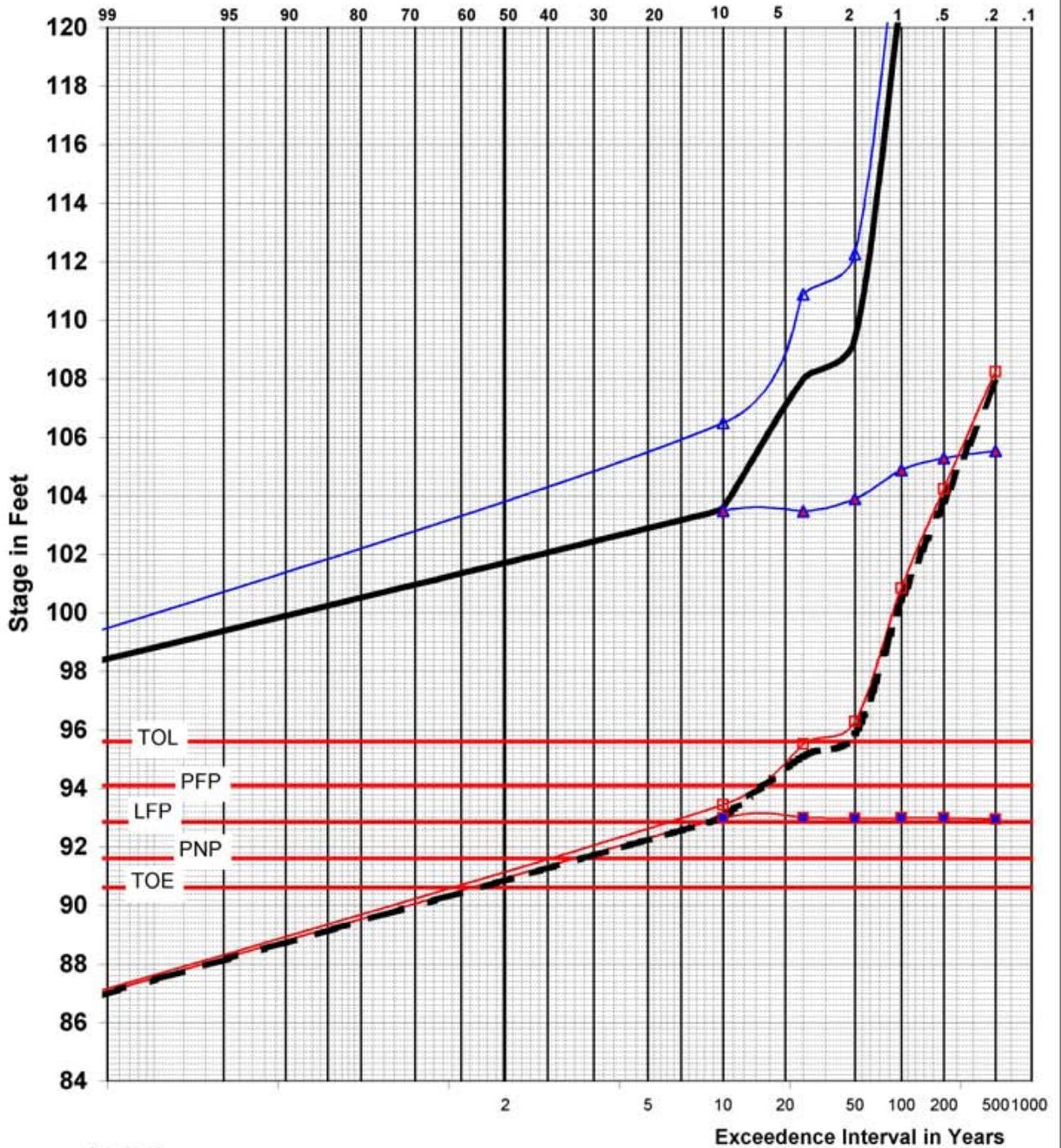
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

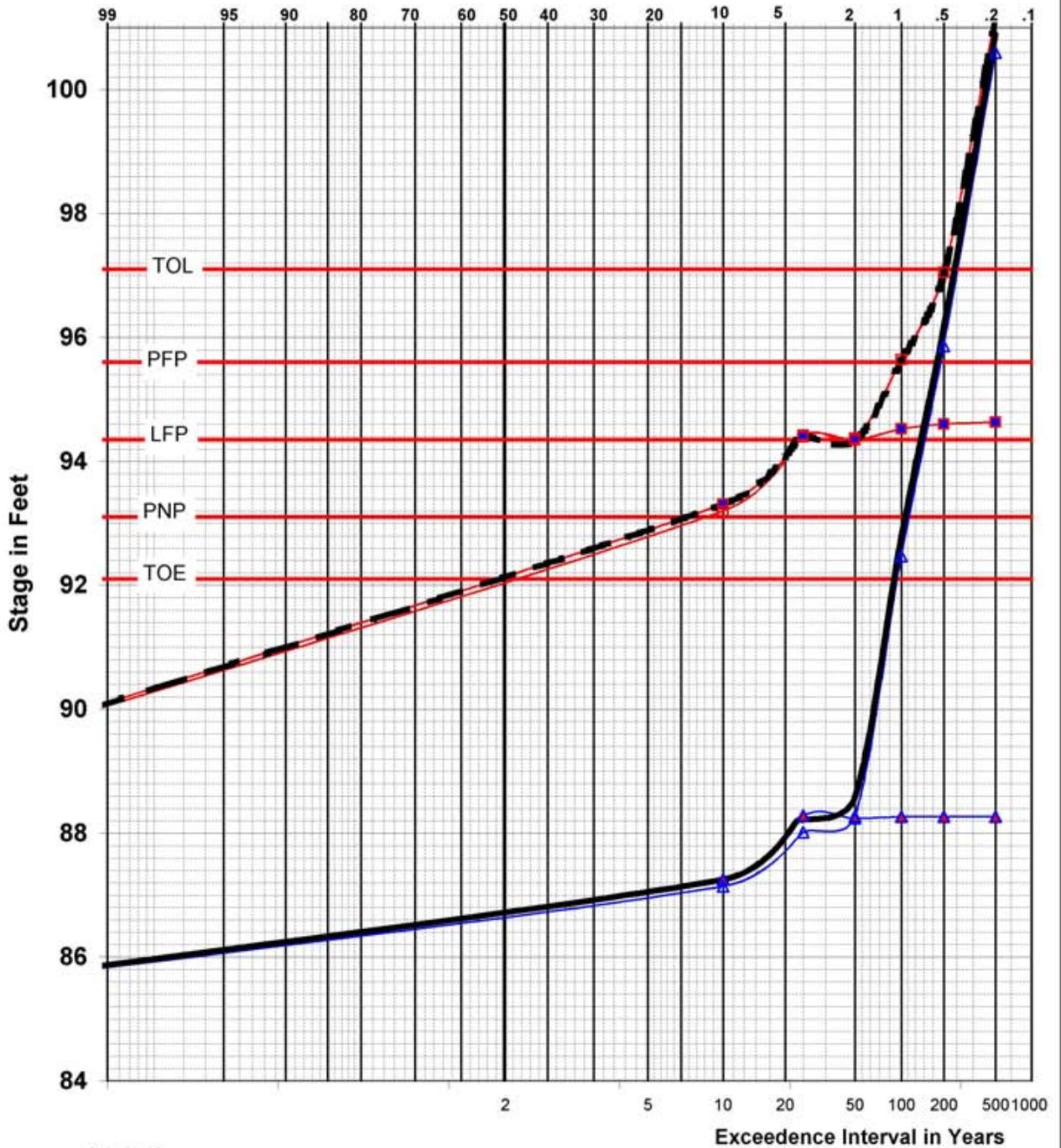
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<p>Corps of Engineers, Sacramento District</p> <p>October 2002</p>
<p>PLATE D.2-13</p>

Exceedence frequency per 100 years



COMPREHENSIVE STUDY
Phase II Economics
STAGE FREQUENCY CURVE
RISK BASED ANALYSIS
SAN JOAQUIN RIVER
DAMAGE AREA SJ15
 Corps of Engineers, Sacramento District
 October 2002 **PLATE D.2-14**

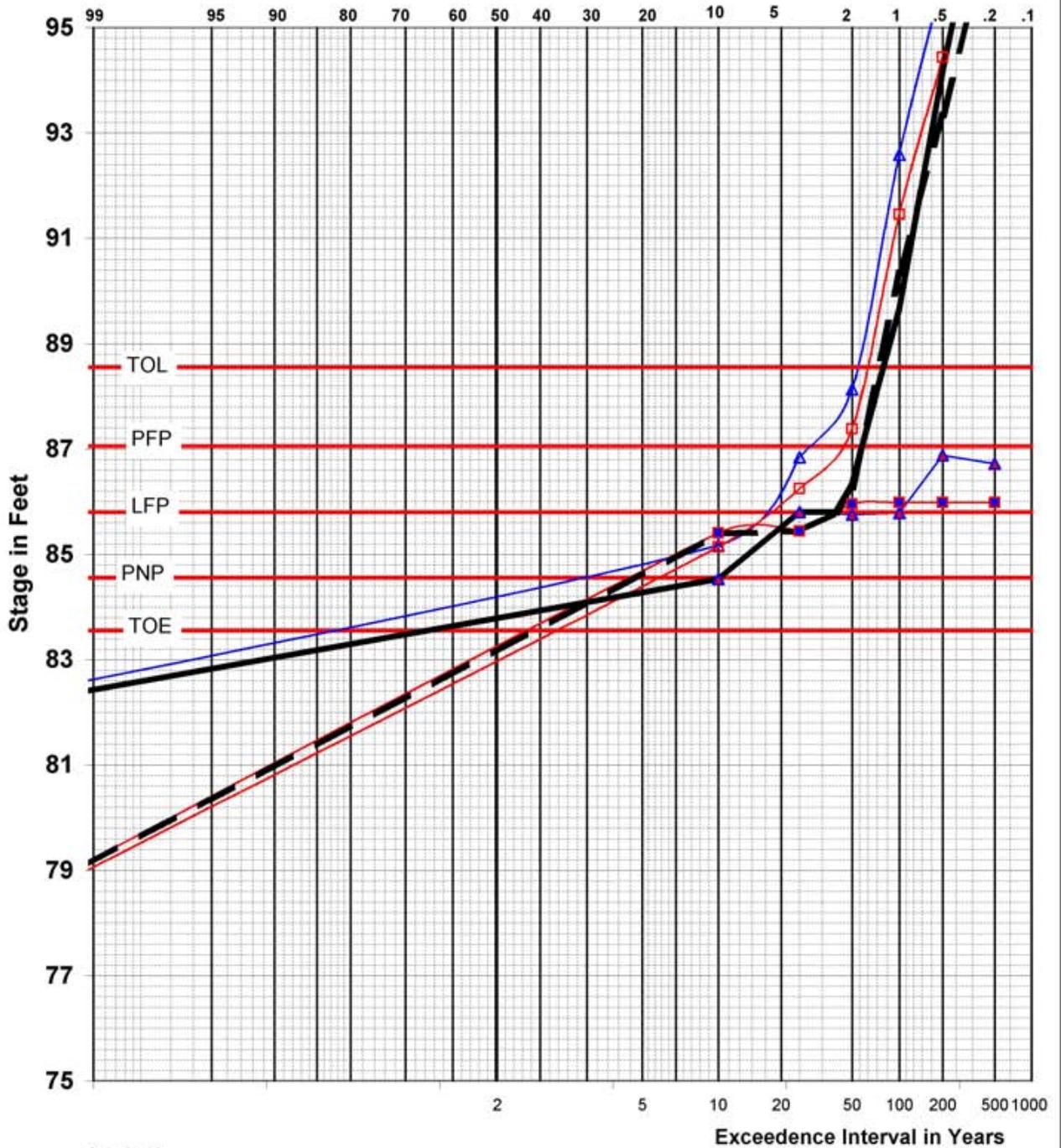
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ16	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-15

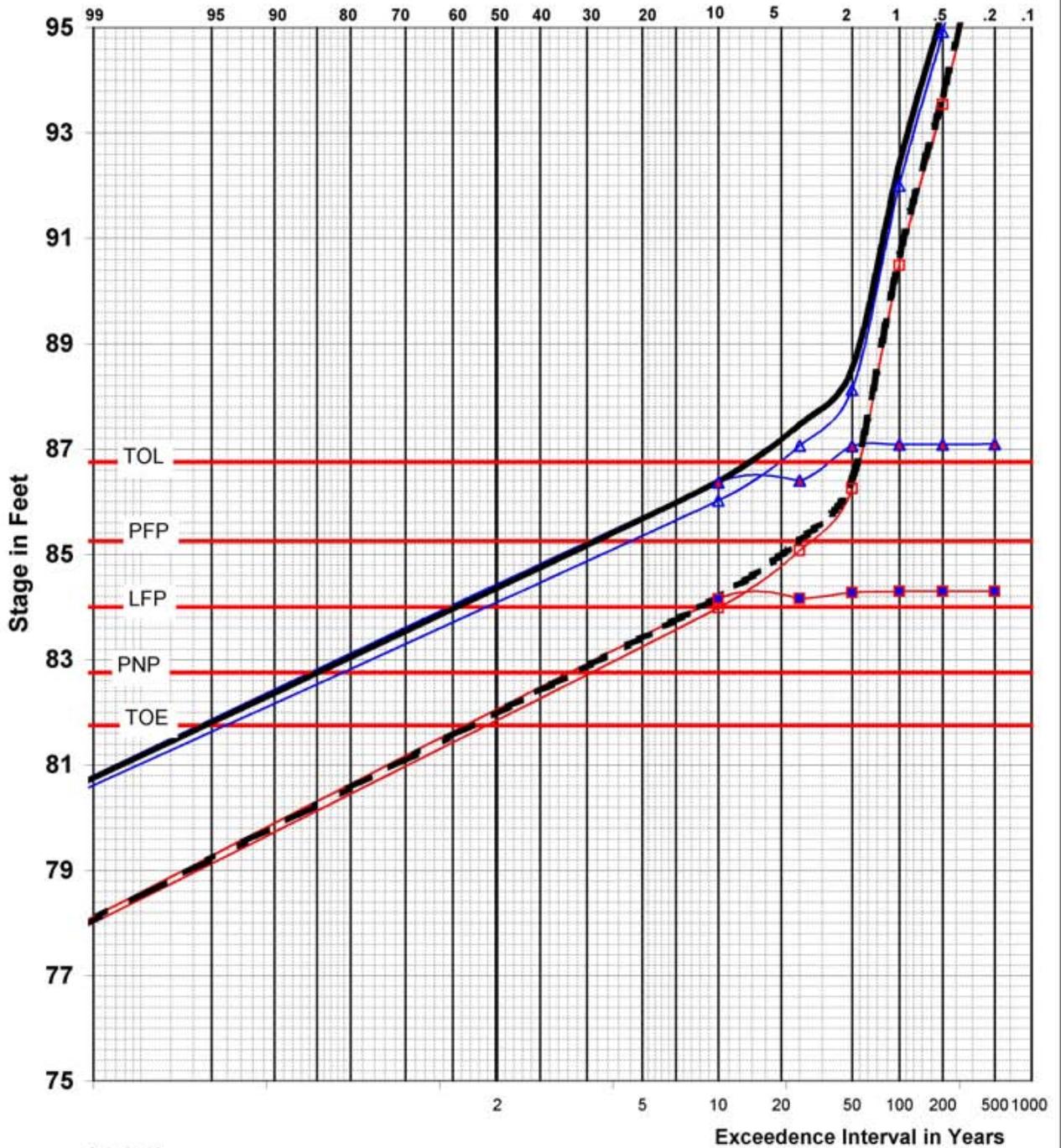
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ17	
Corps of Engineers, Sacramento District	October 2002
PLATE D.2-16	

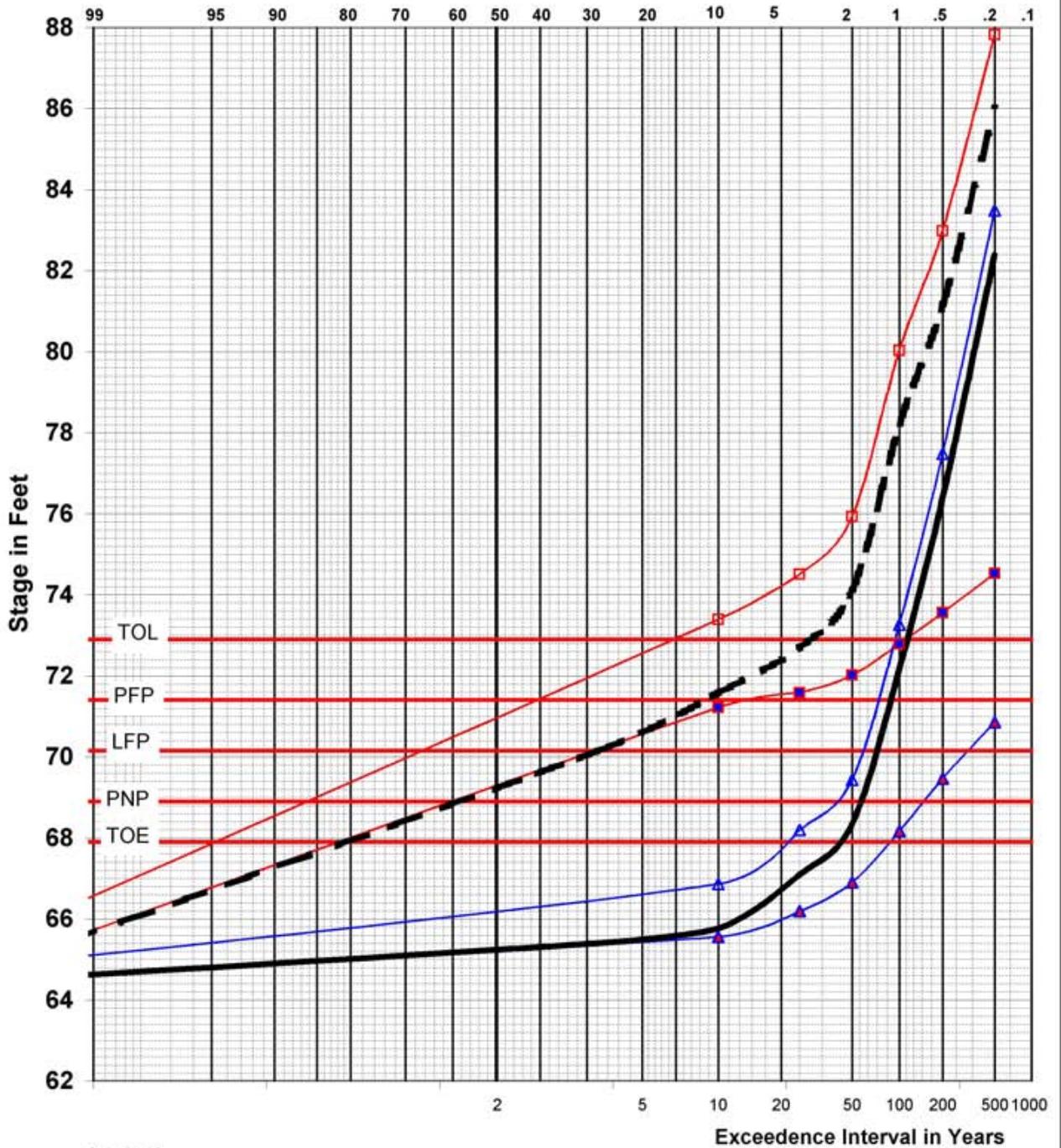
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ18	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-17

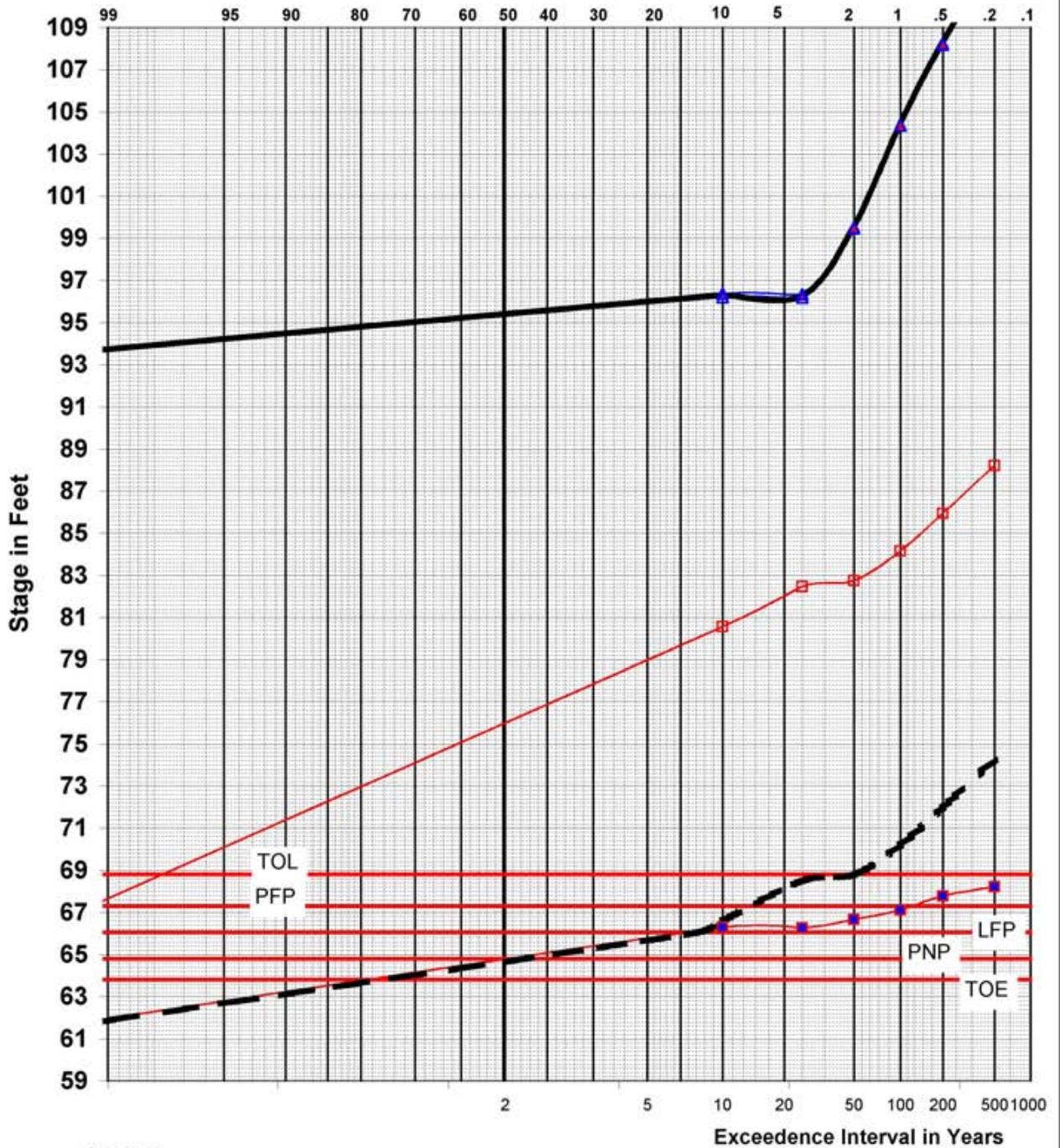
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ19	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-18

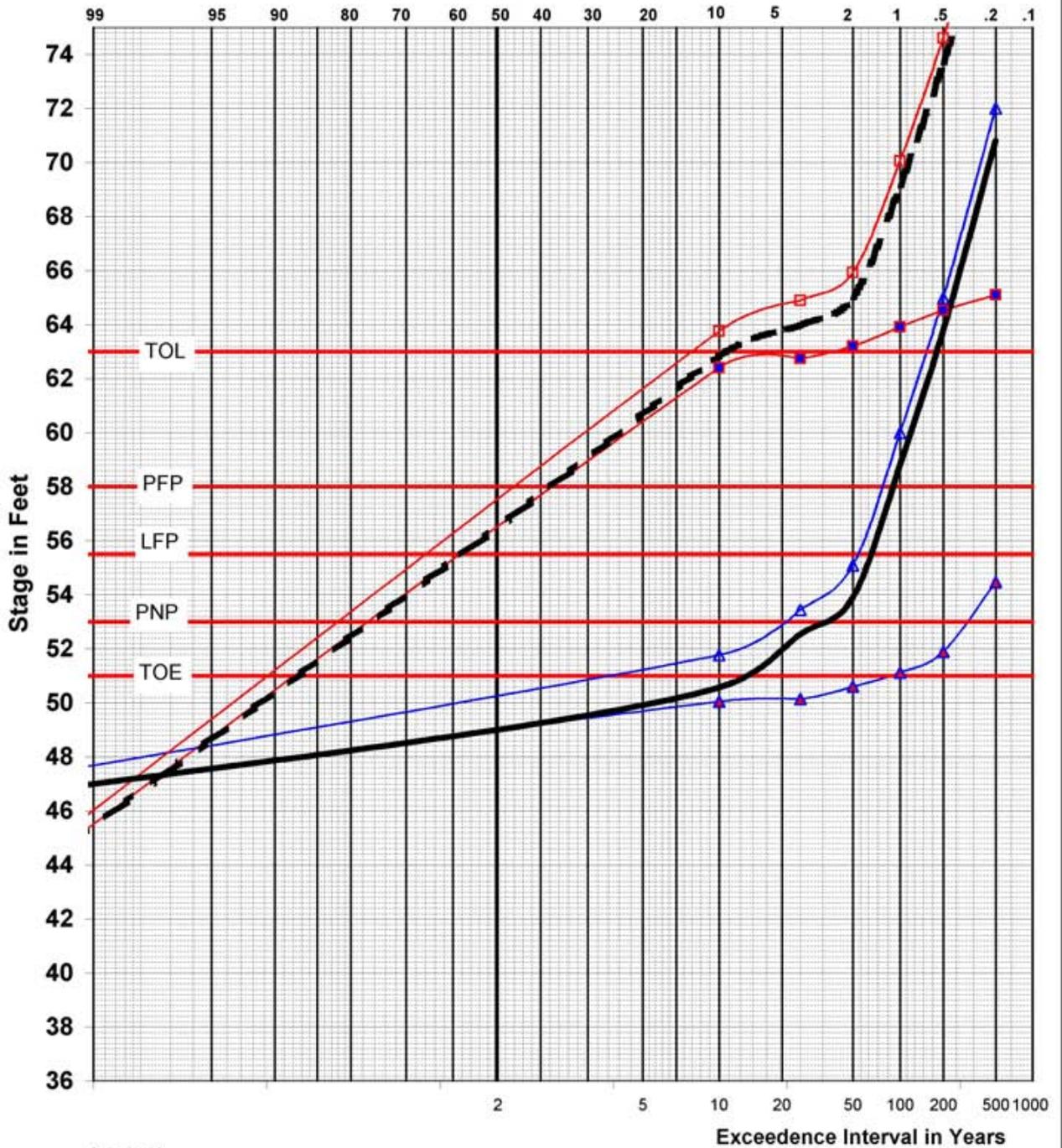
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ20	
Corps of Engineers, Sacramento District	October 2002
PLATE D.2-19	

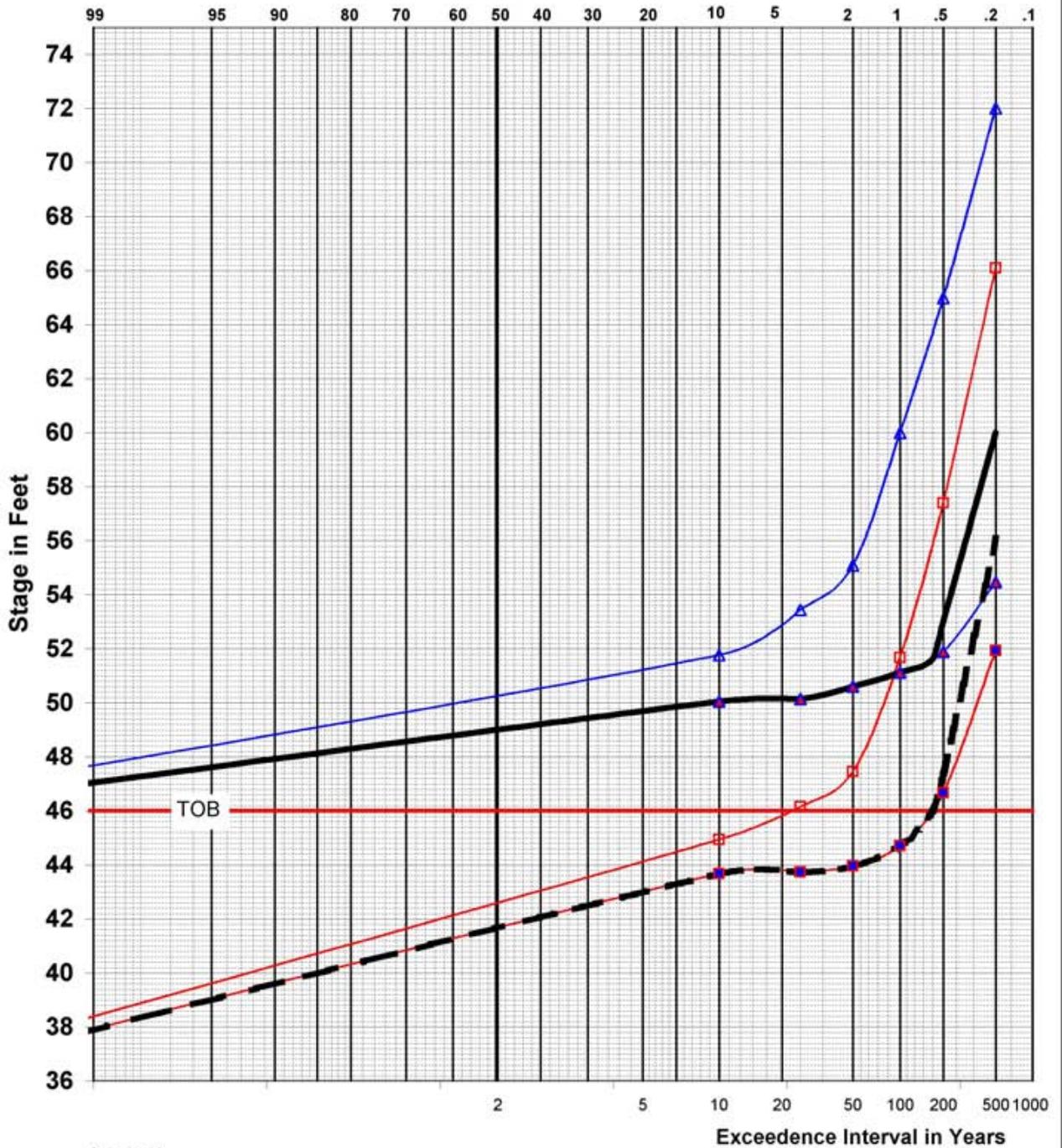
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY
Phase II Economics
STAGE FREQUENCY CURVE
RISK BASED ANALYSIS
SAN JOAQUIN RIVER
DAMAGE AREA SJ21
 Corps of Engineers, Sacramento District
 October 2002 PLATE D.2-20

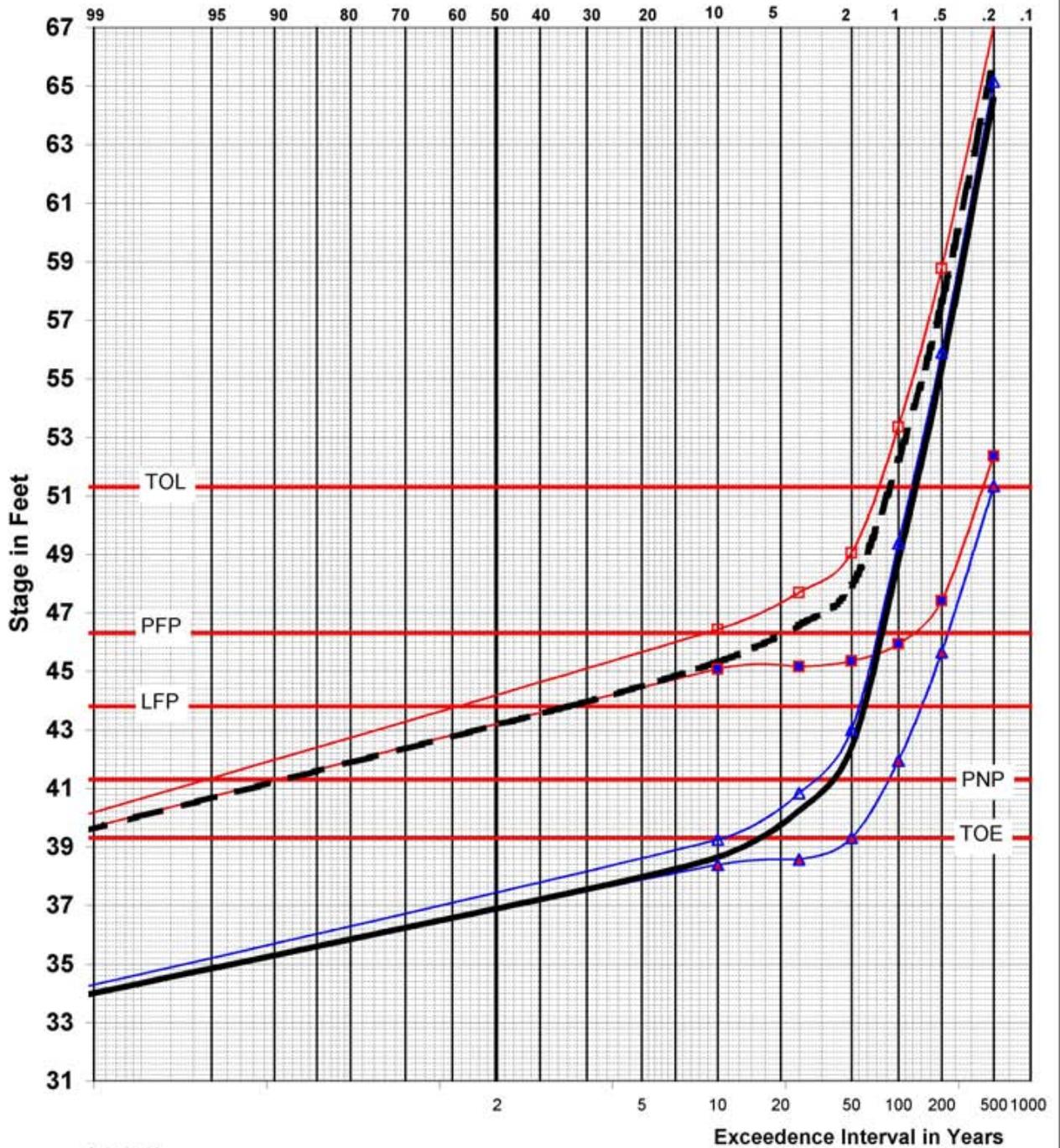
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

<p>COMPREHENSIVE STUDY</p> <p>Phase II Economics</p> <p>STAGE FREQUENCY CURVE</p> <p>RISK BASED ANALYSIS</p> <p>SAN JOAQUIN RIVER</p> <p>DAMAGE AREA SJ22</p>
<p>Corps of Engineers, Sacramento District</p> <p>October 2002</p>
<p>PLATE D.2-21</p>

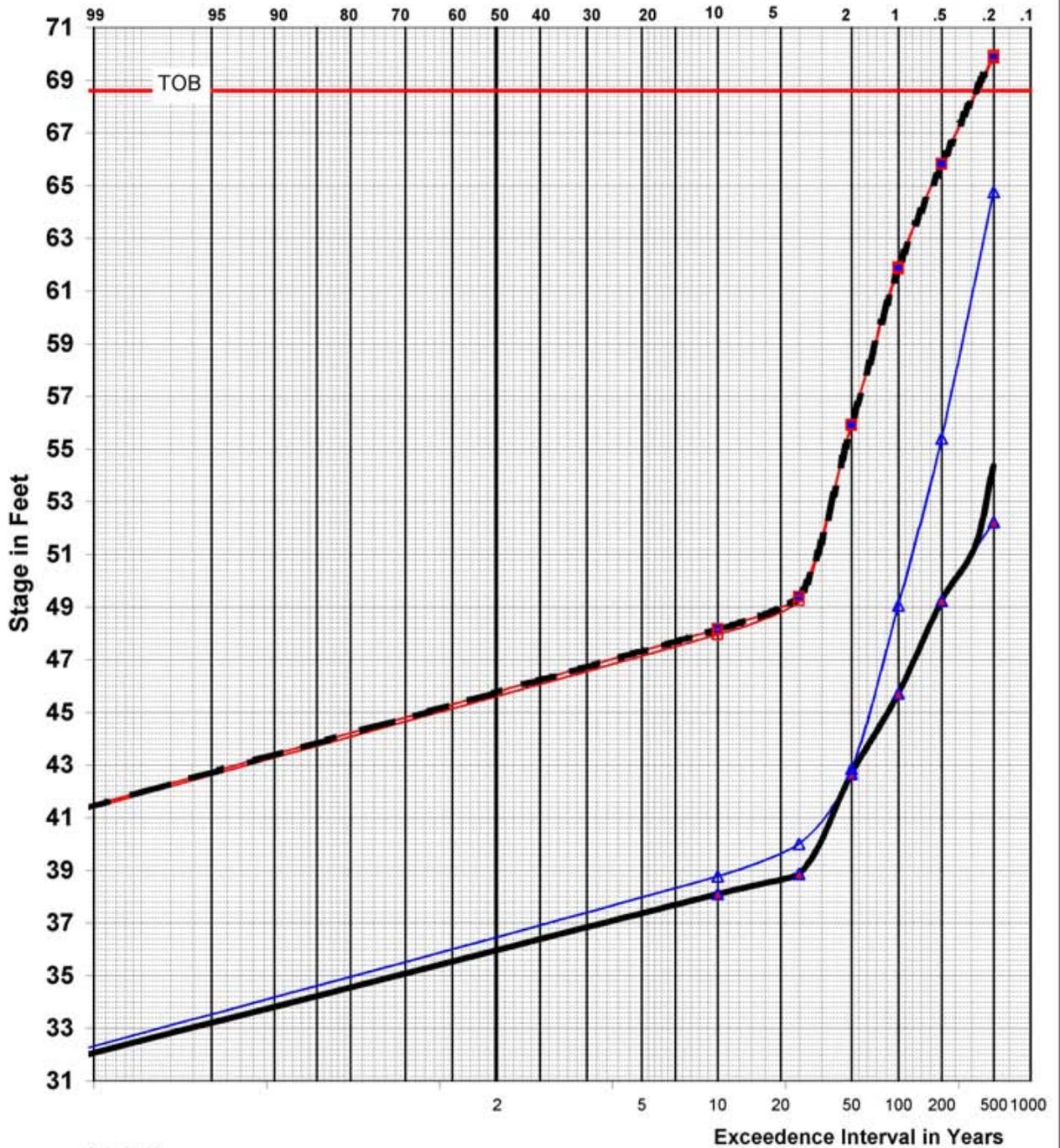
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- Legend
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 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

<p>COMPREHENSIVE STUDY</p> <p>Phase II Economics</p> <p>STAGE FREQUENCY CURVE</p> <p>RISK BASED ANALYSIS</p> <p>SAN JOAQUIN RIVER</p> <p>DAMAGE AREA SJ23</p>
<p>Corps of Engineers, Sacramento District</p> <p>October 2002</p>
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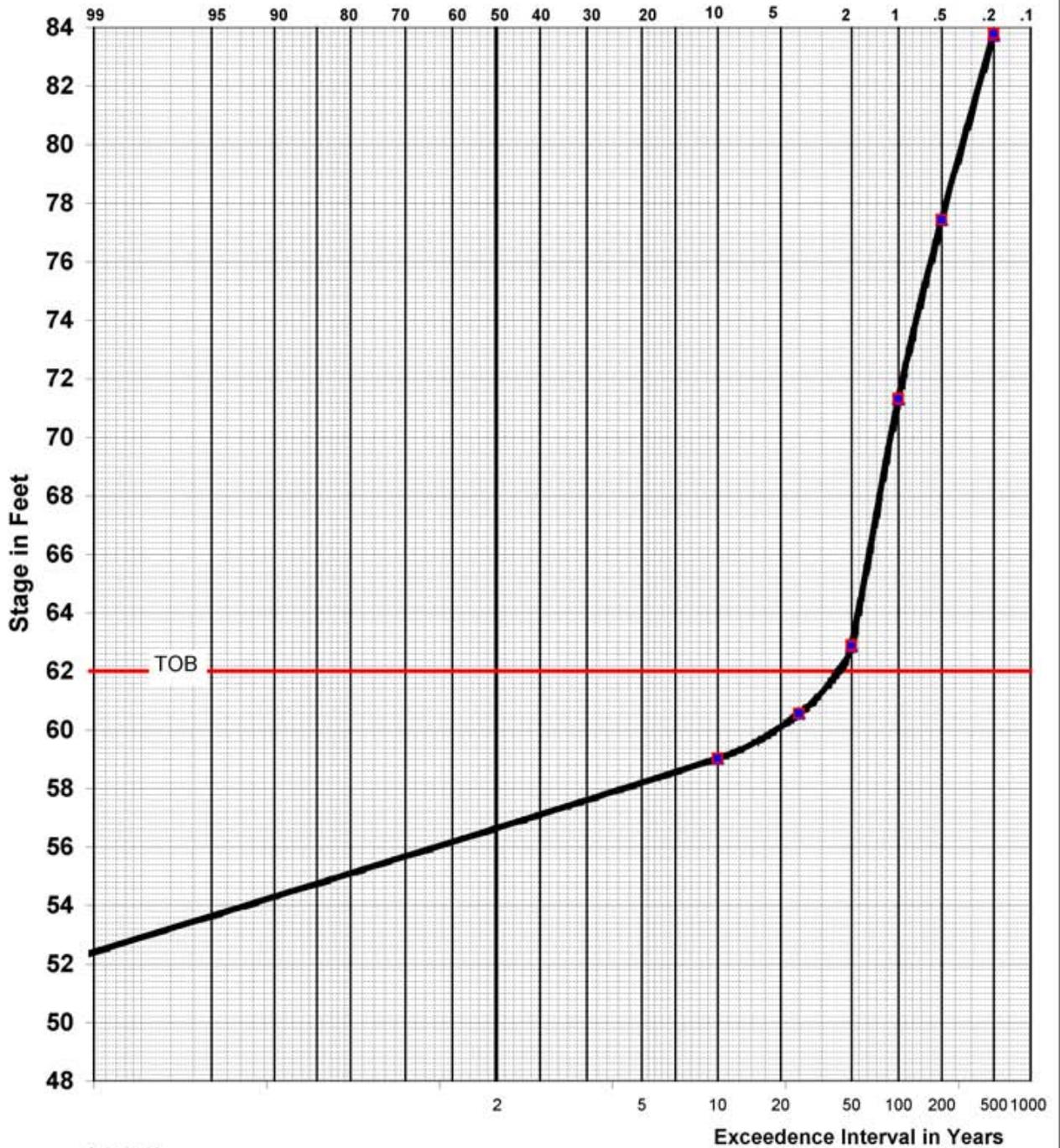
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ24	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-23

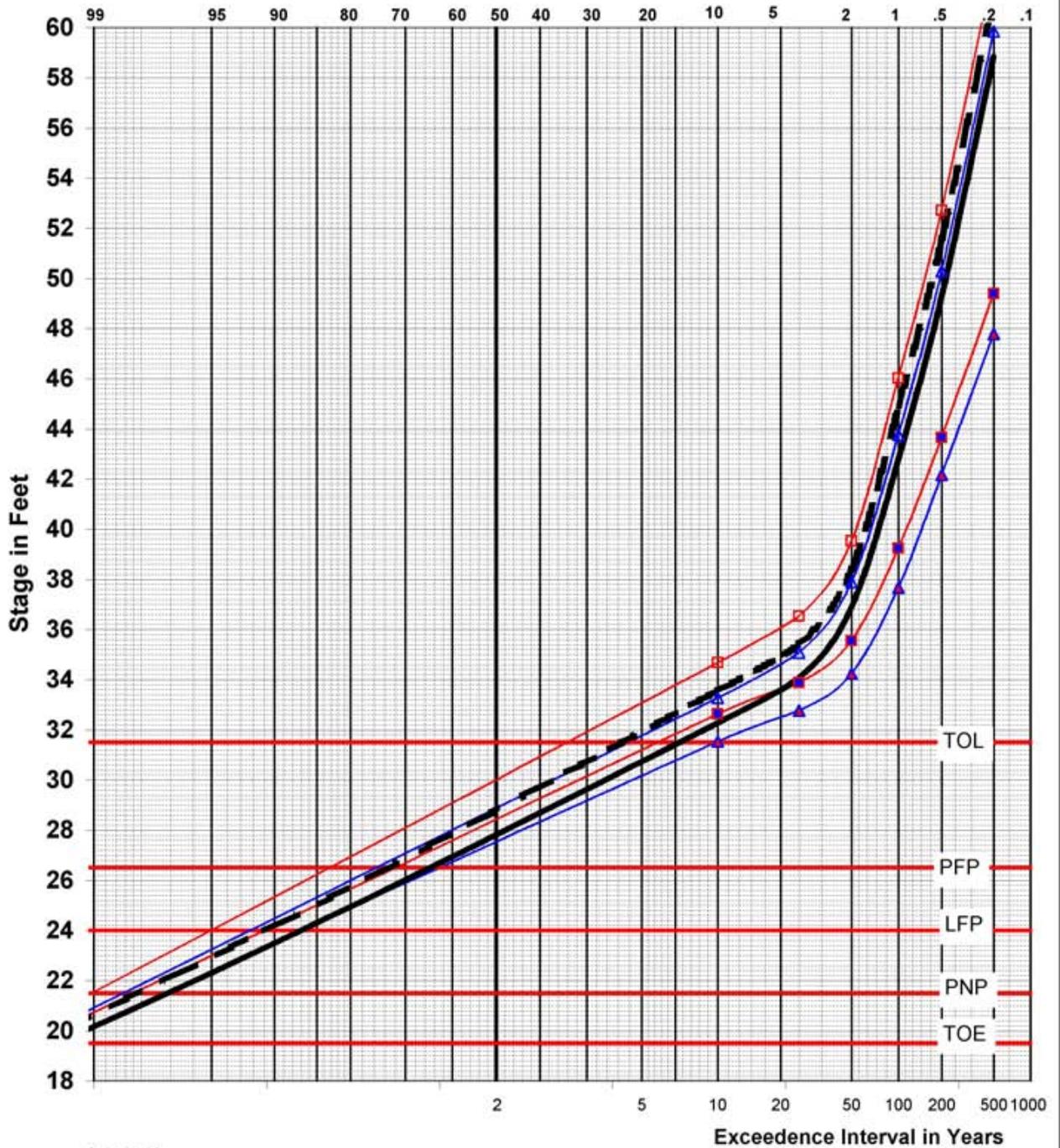
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ25	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-24

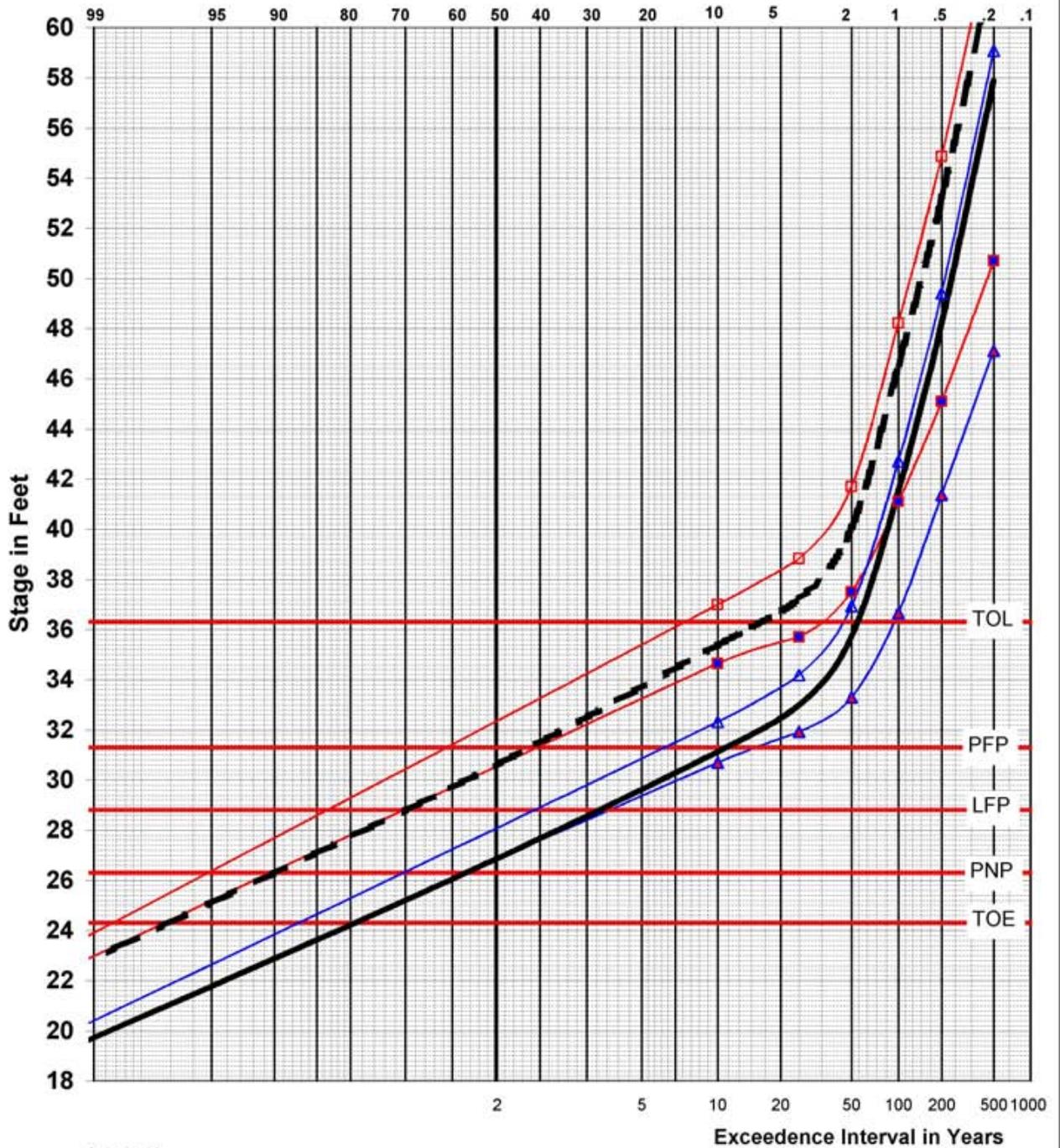
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY
Phase II Economics
STAGE FREQUENCY CURVE
RISK BASED ANALYSIS
SAN JOAQUIN RIVER
DAMAGE AREA SJ26
 Corps of Engineers, Sacramento District
 October 2002 **PLATE D.2-25**

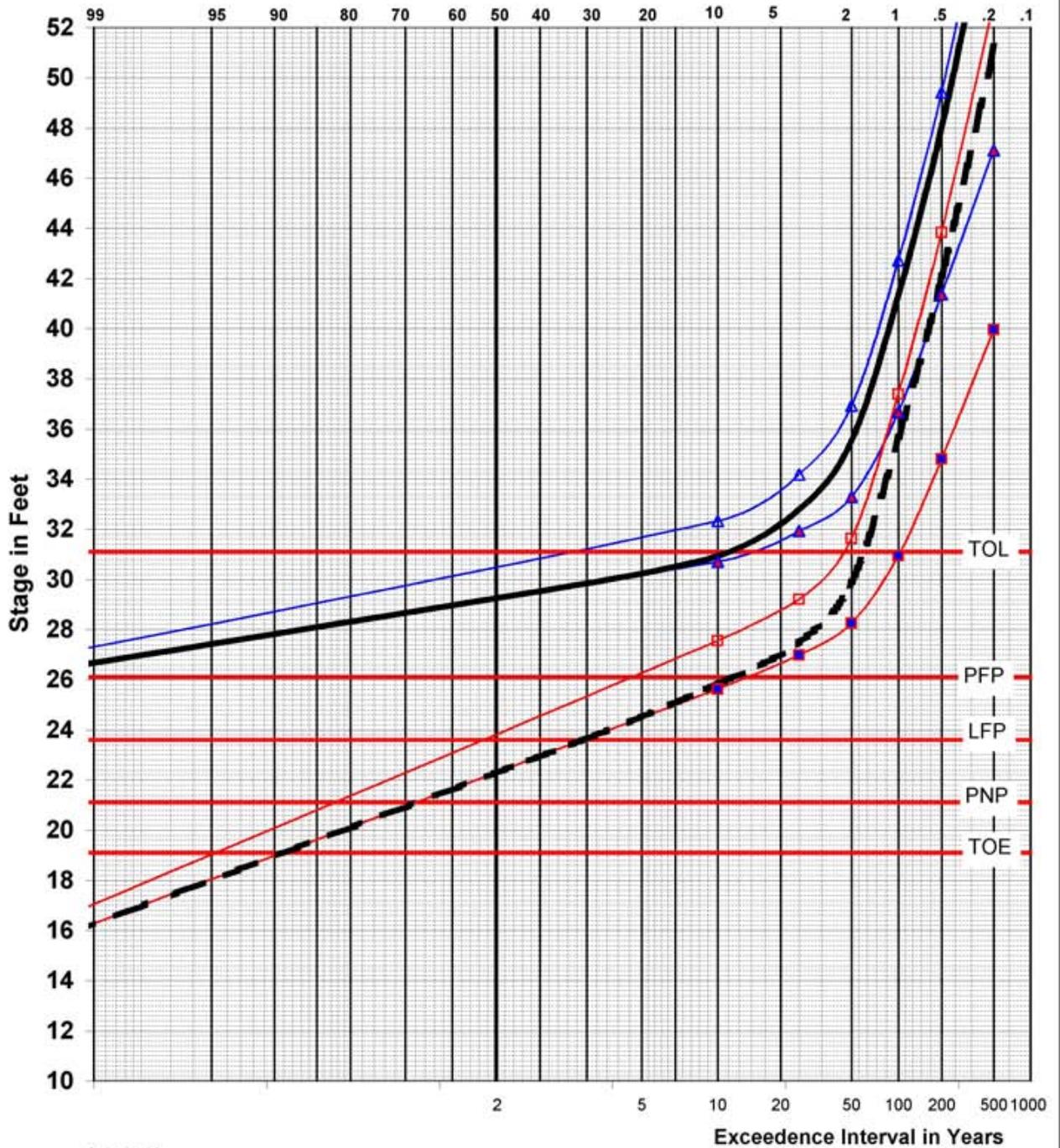
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ27	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-26

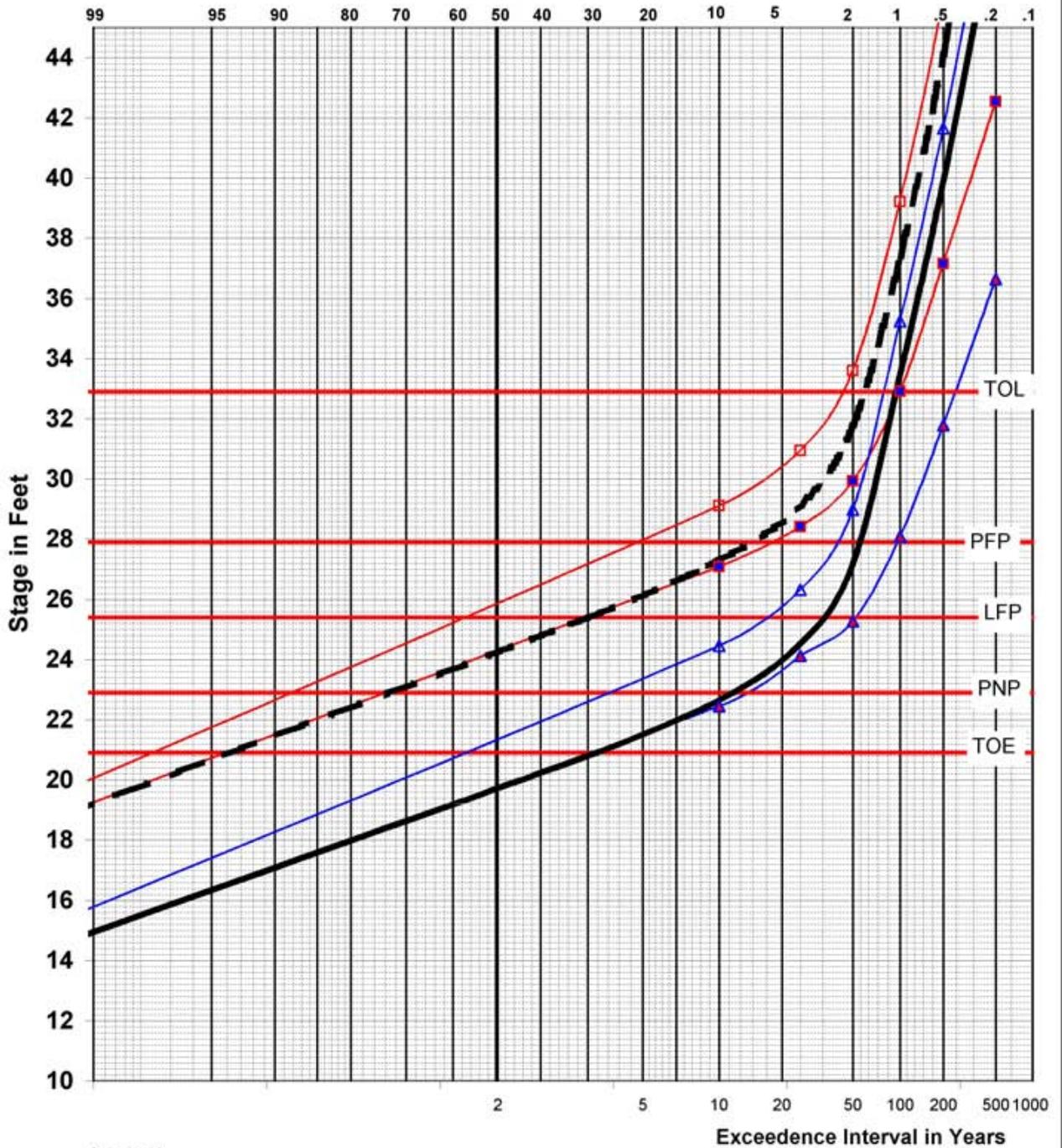
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ28	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-27

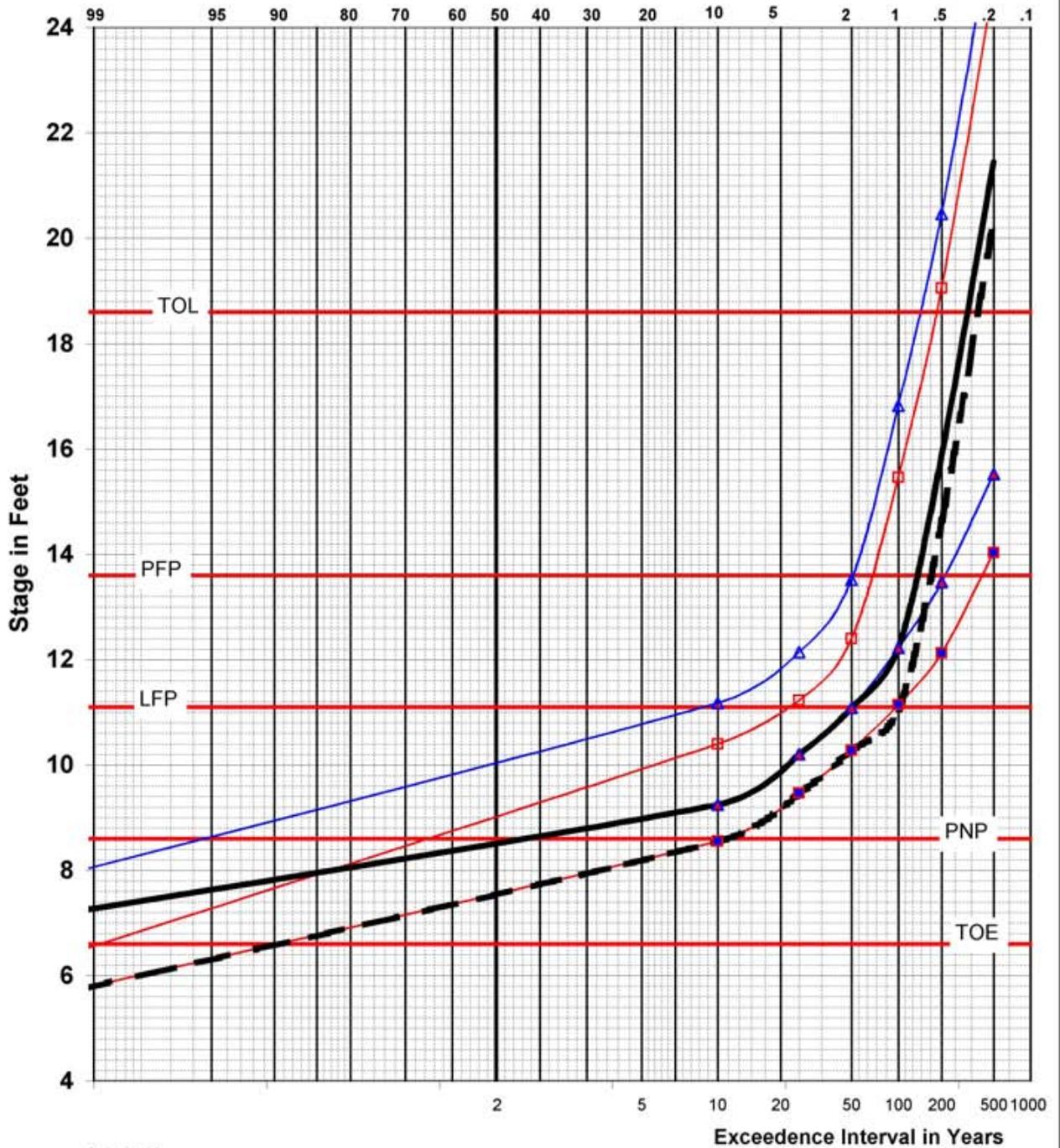
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ29	
Corps of Engineers, Sacramento District	October 2002
PLATE D.2-28	

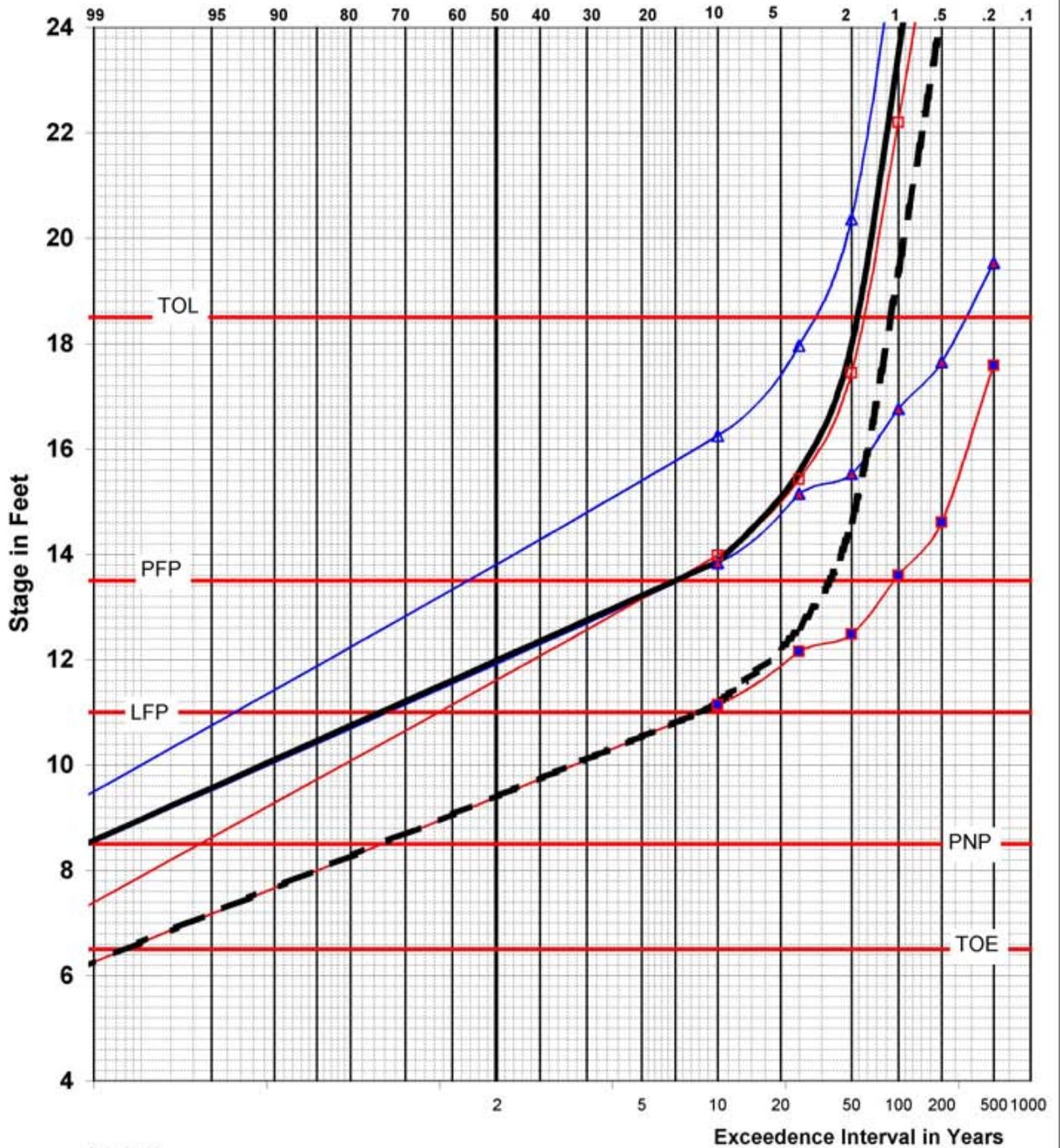
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ30	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-29

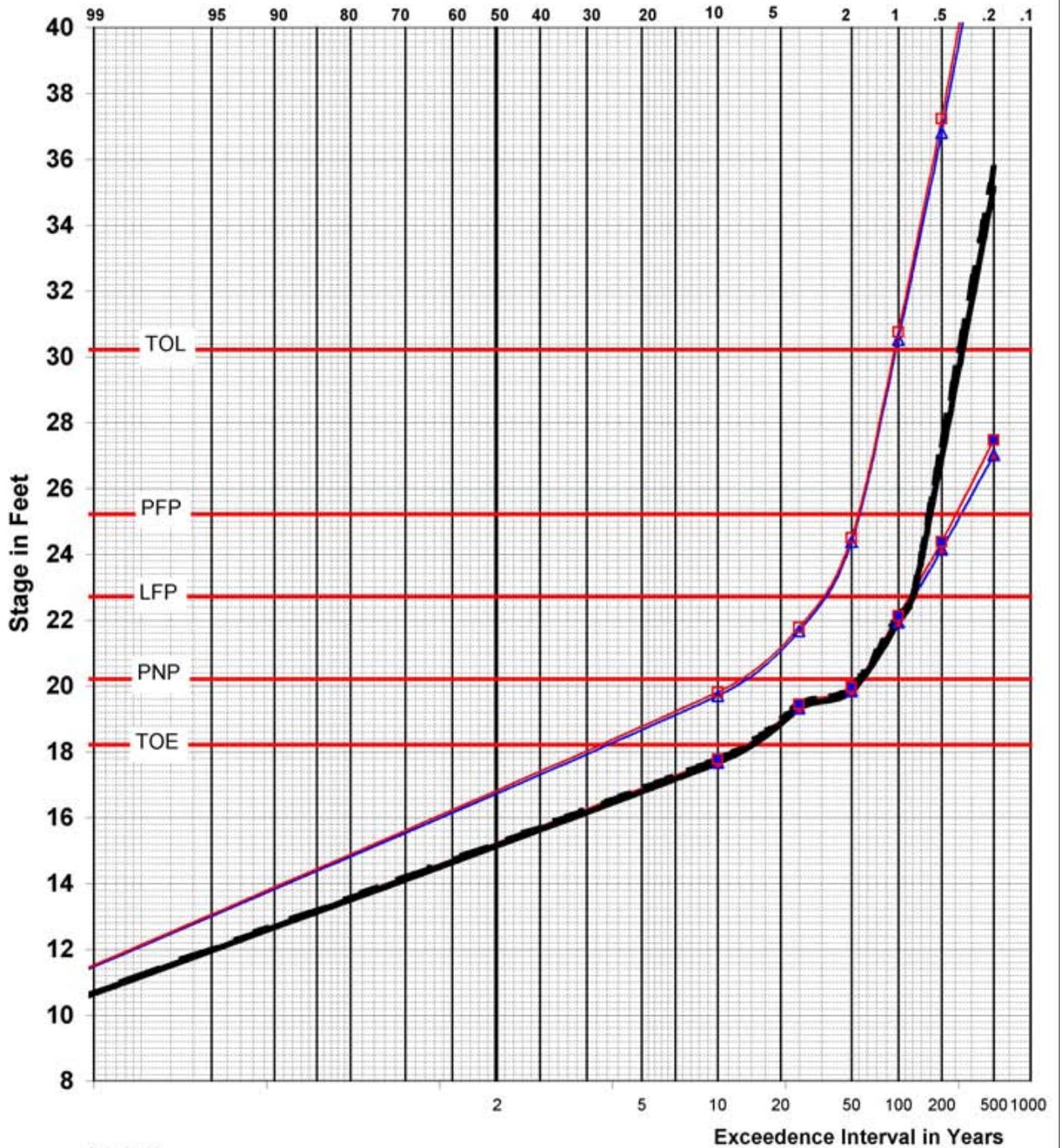
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- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ31	
Corps of Engineers, Sacramento District	October 2002
PLATE D.2-30	

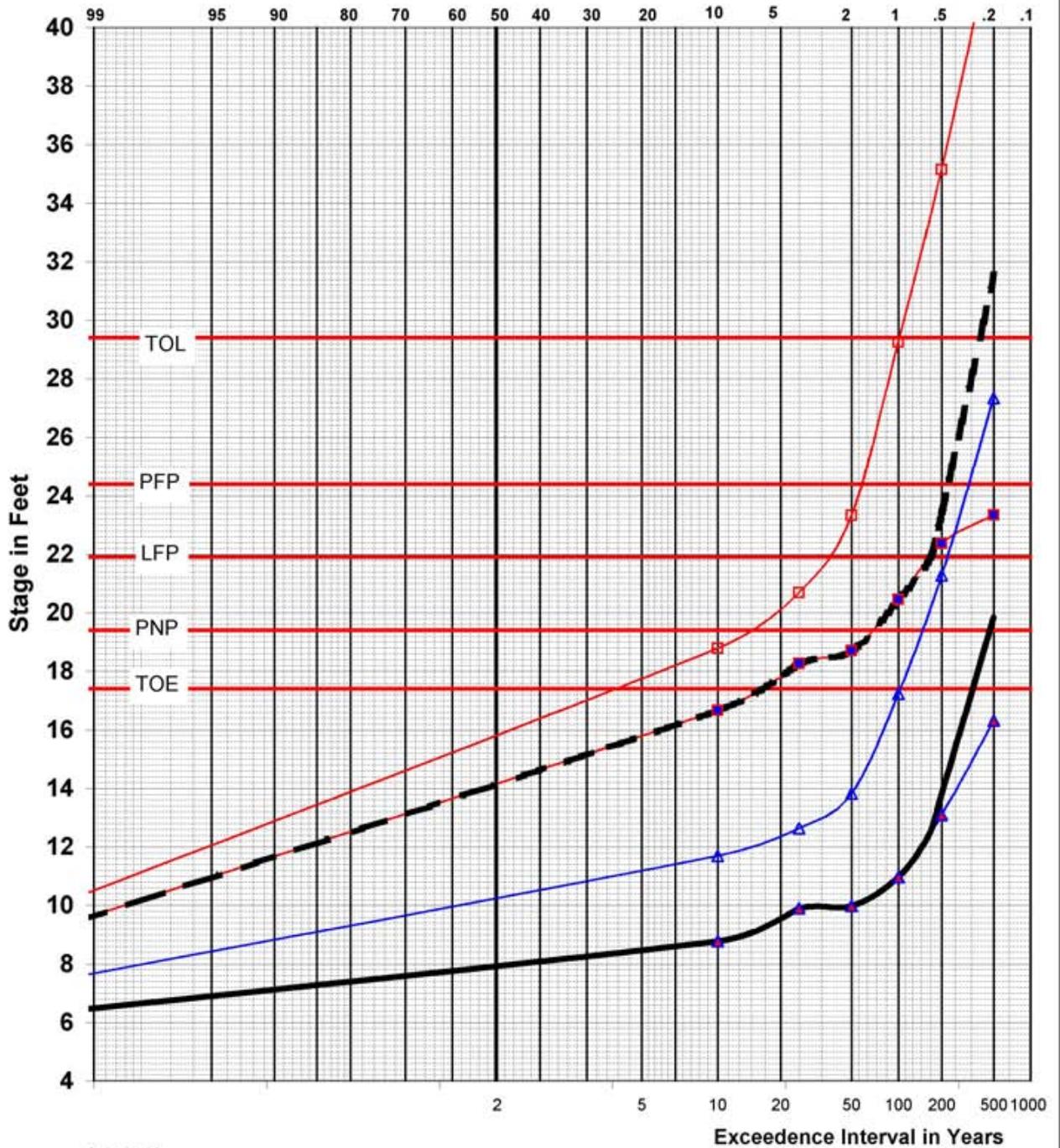
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY
Phase II Economics
STAGE FREQUENCY CURVE
RISK BASED ANALYSIS
SAN JOAQUIN RIVER
DAMAGE AREA SJ32
 Corps of Engineers, Sacramento District
 October 2002 **PLATE D.2-31**

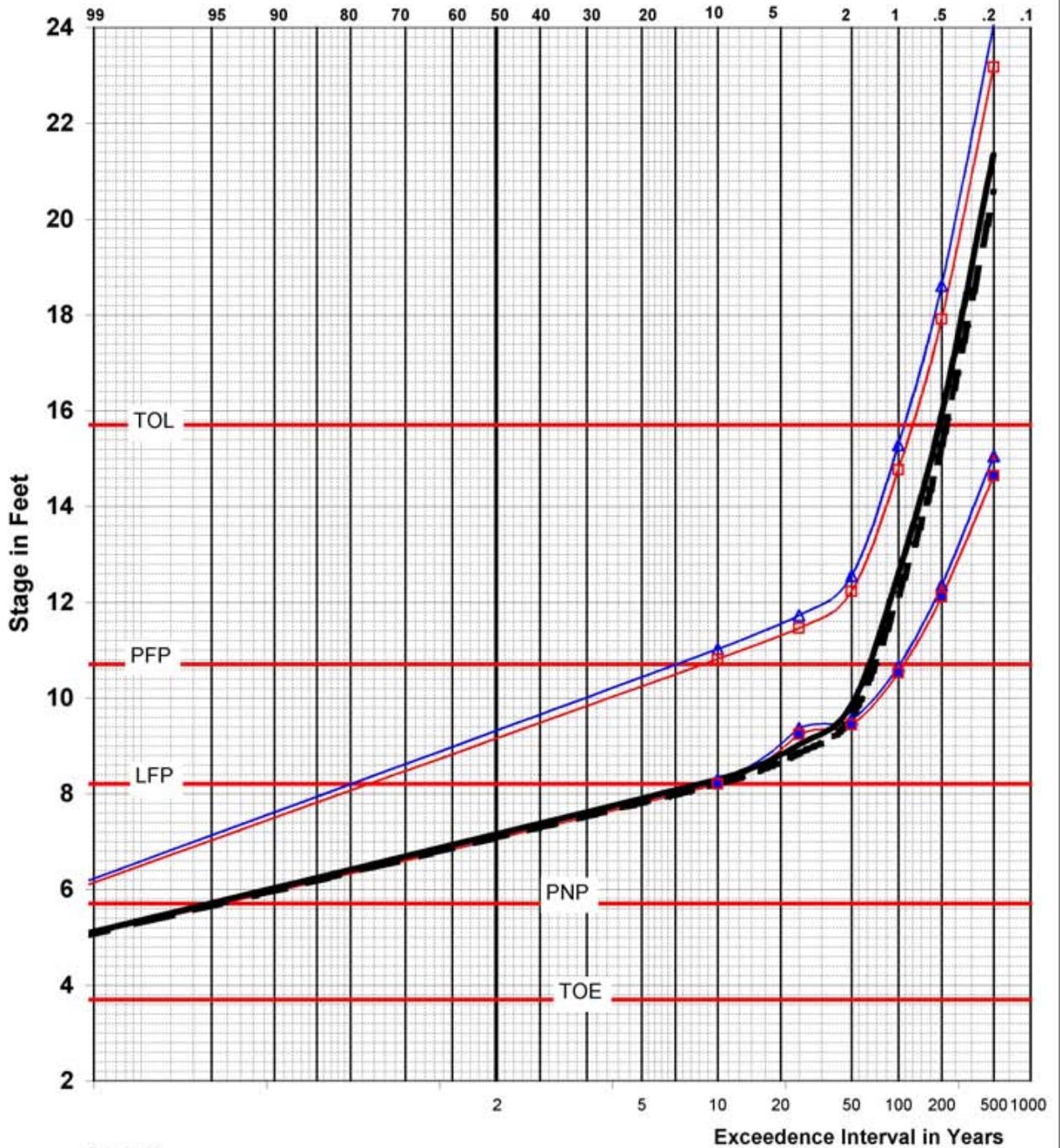
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY
Phase II Economics
STAGE FREQUENCY CURVE
RISK BASED ANALYSIS
SAN JOAQUIN RIVER
DAMAGE AREAS SJ33 SJ34
 Corps of Engineers, Sacramento District
 October 2002 PLATE D.2-32

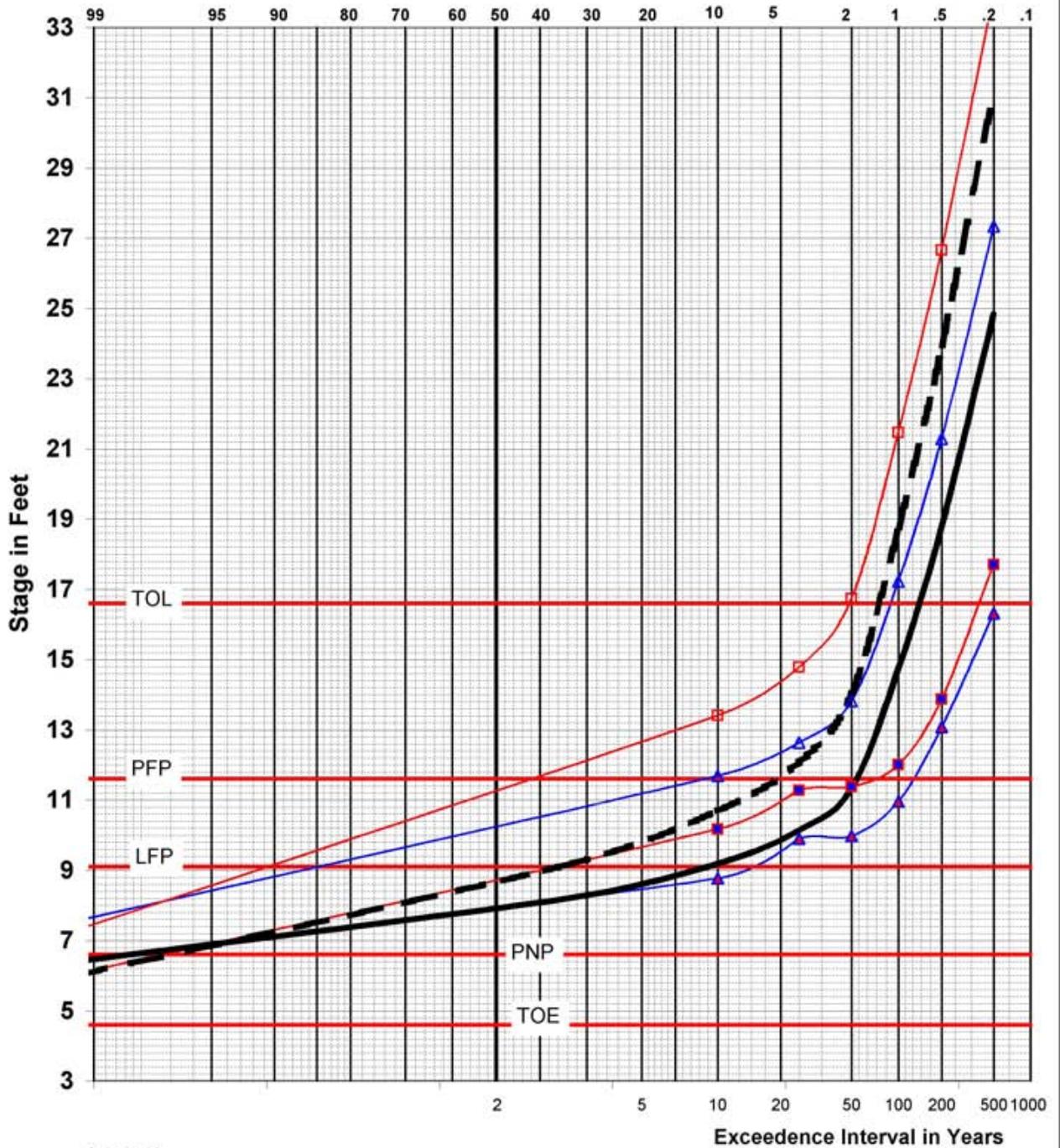
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- Legend
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 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ35	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-33

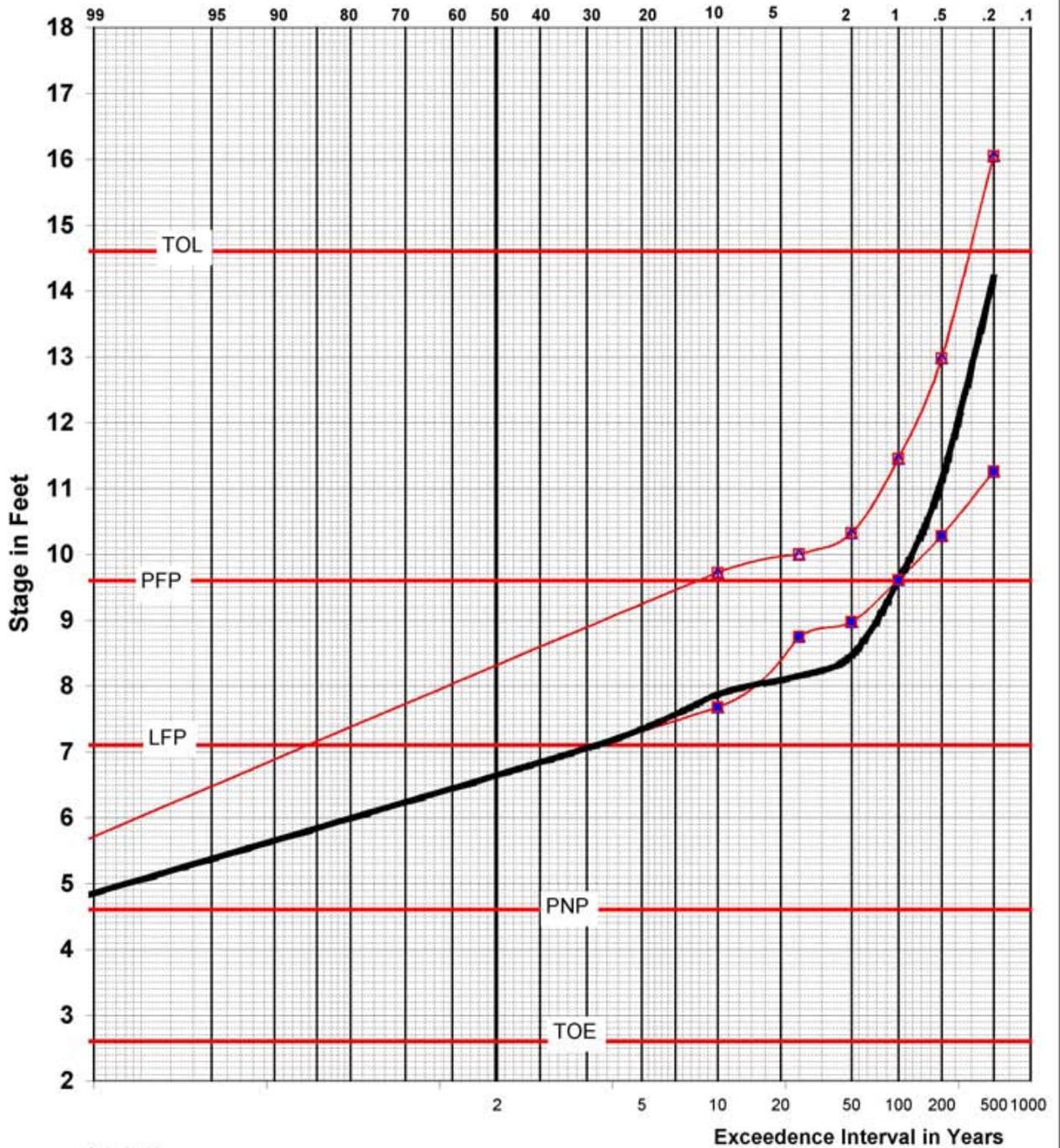
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

<p>COMPREHENSIVE STUDY</p> <p>Phase II Economics</p> <p>STAGE FREQUENCY CURVE</p> <p>RISK BASED ANALYSIS</p> <p>SAN JOAQUIN RIVER</p> <p>DAMAGE AREA SJ36</p> <p>Corps of Engineers, Sacramento District</p> <p>October 2002 PLATE D.2-34</p>
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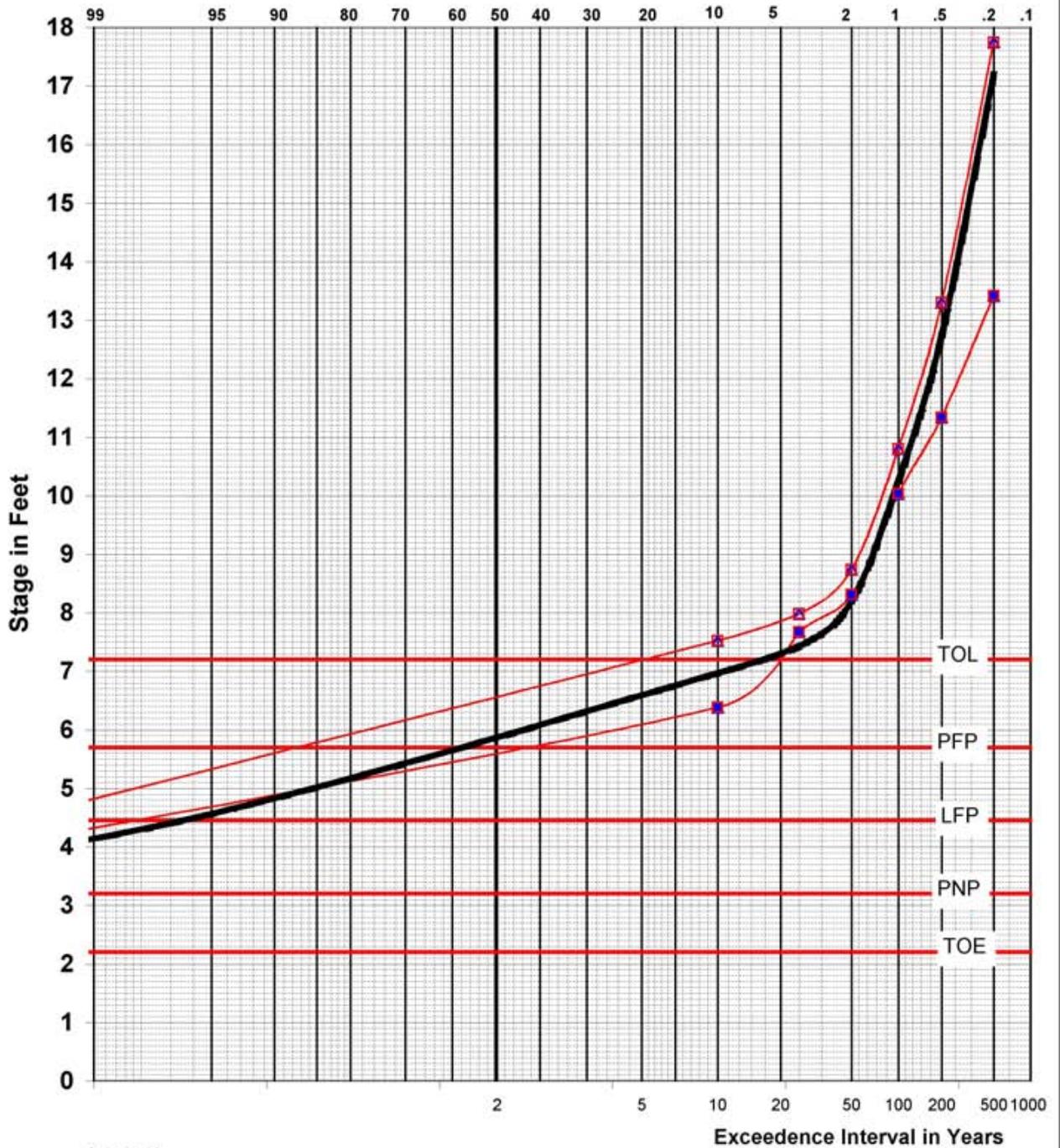
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ37	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-35

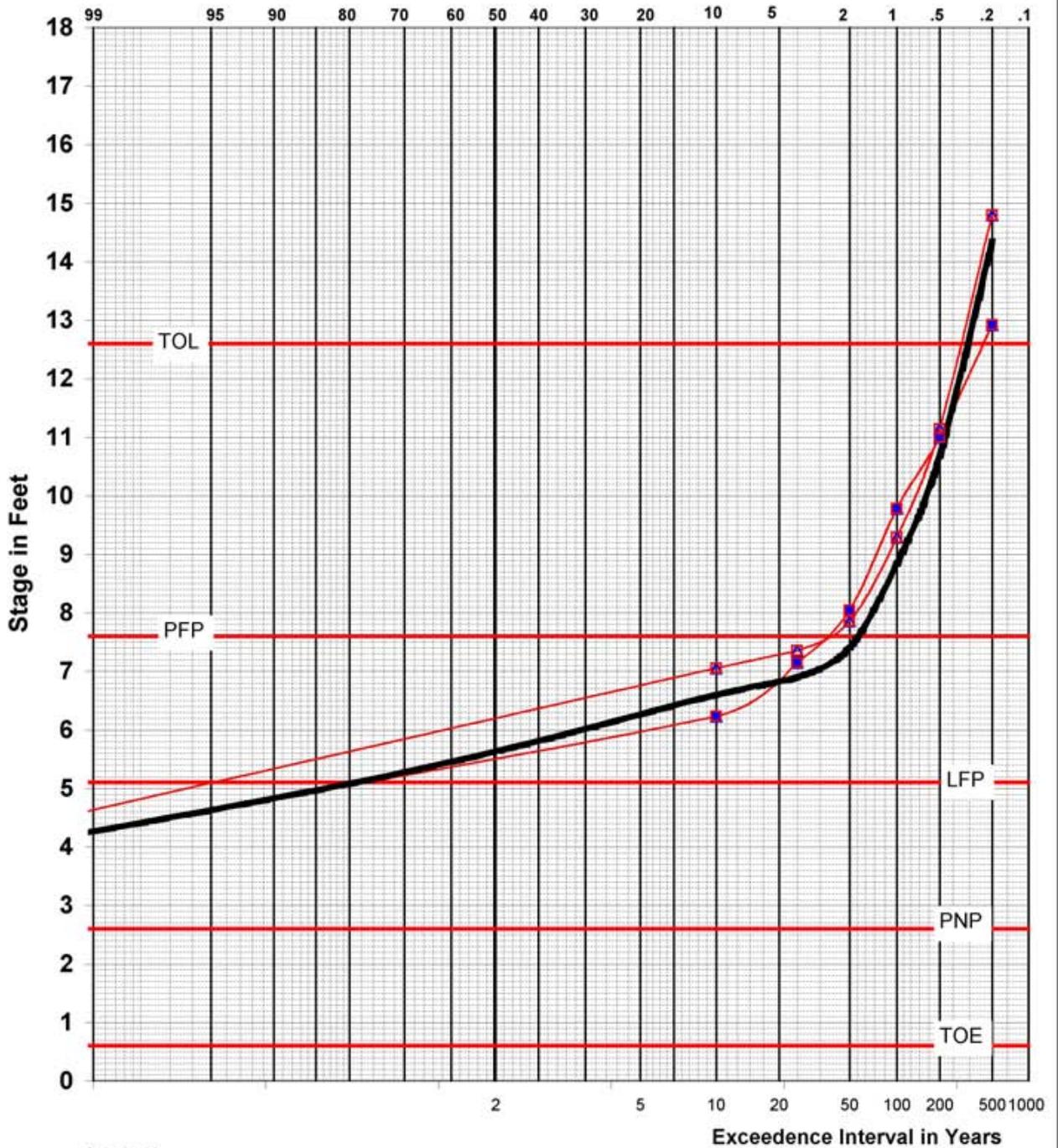
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ38	
Corps of Engineers, Sacramento District	October 2002
PLATE D.2-36	

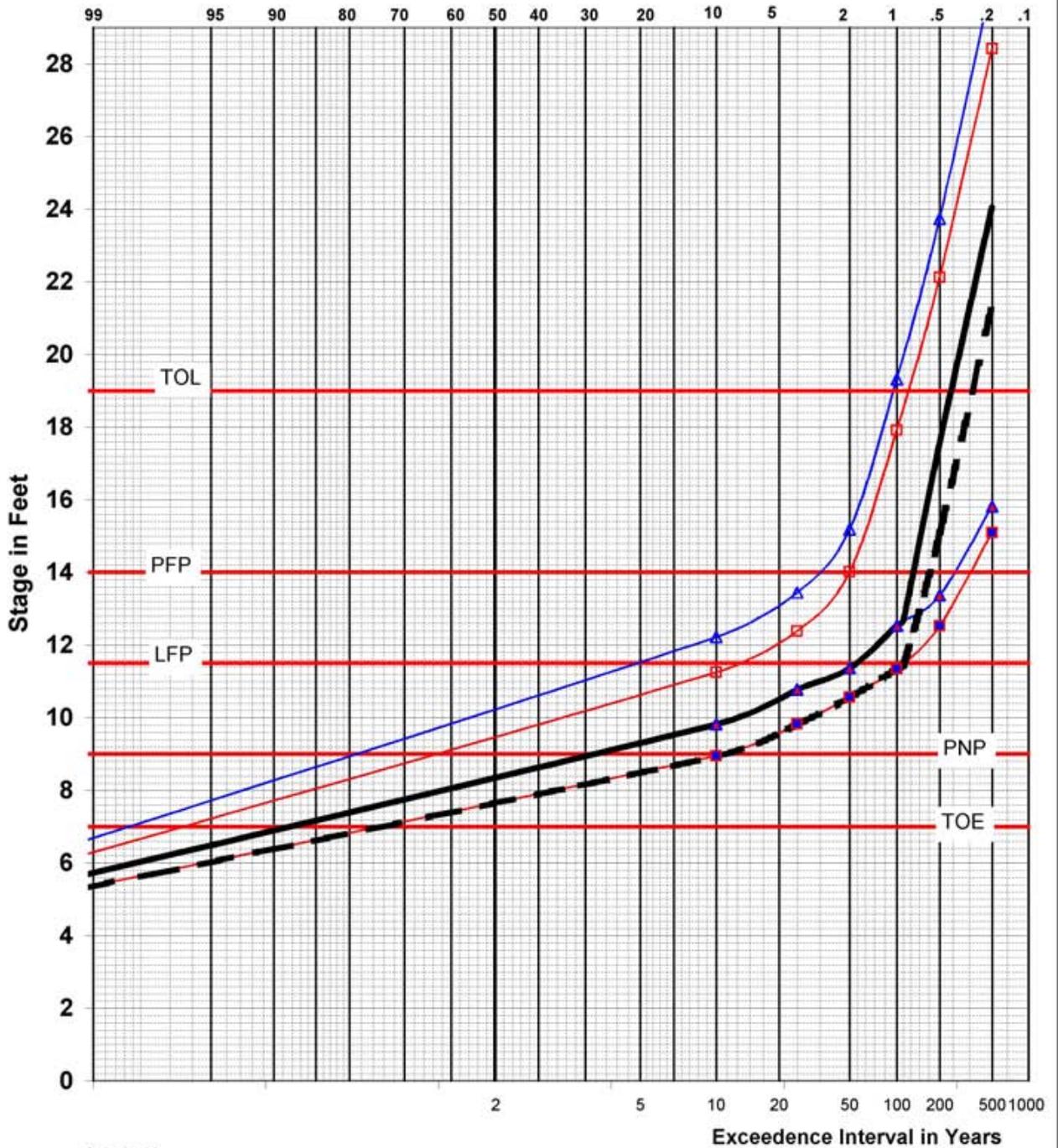
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY Phase II Economics STAGE FREQUENCY CURVE RISK BASED ANALYSIS SAN JOAQUIN RIVER DAMAGE AREA SJ39 Corps of Engineers, Sacramento District October 2002	PLATE D.2-37
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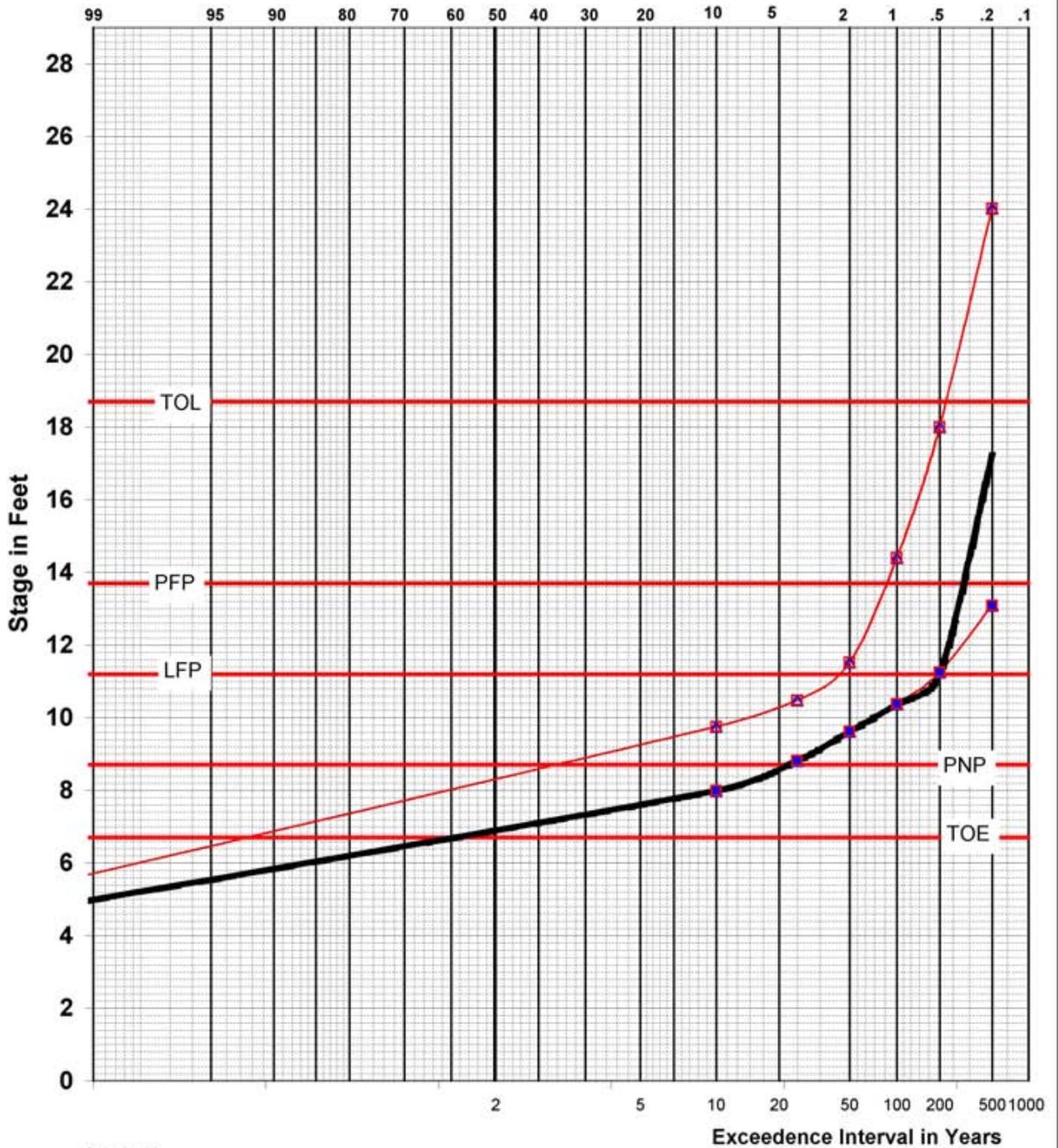
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

<p>COMPREHENSIVE STUDY</p> <p>Phase II Economics</p> <p>STAGE FREQUENCY CURVE</p> <p>RISK BASED ANALYSIS</p> <p>SAN JOAQUIN RIVER</p> <p>DAMAGE AREA SJ40</p> <p>Corps of Engineers, Sacramento District</p> <p>October 2002 PLATE D.2-38</p>

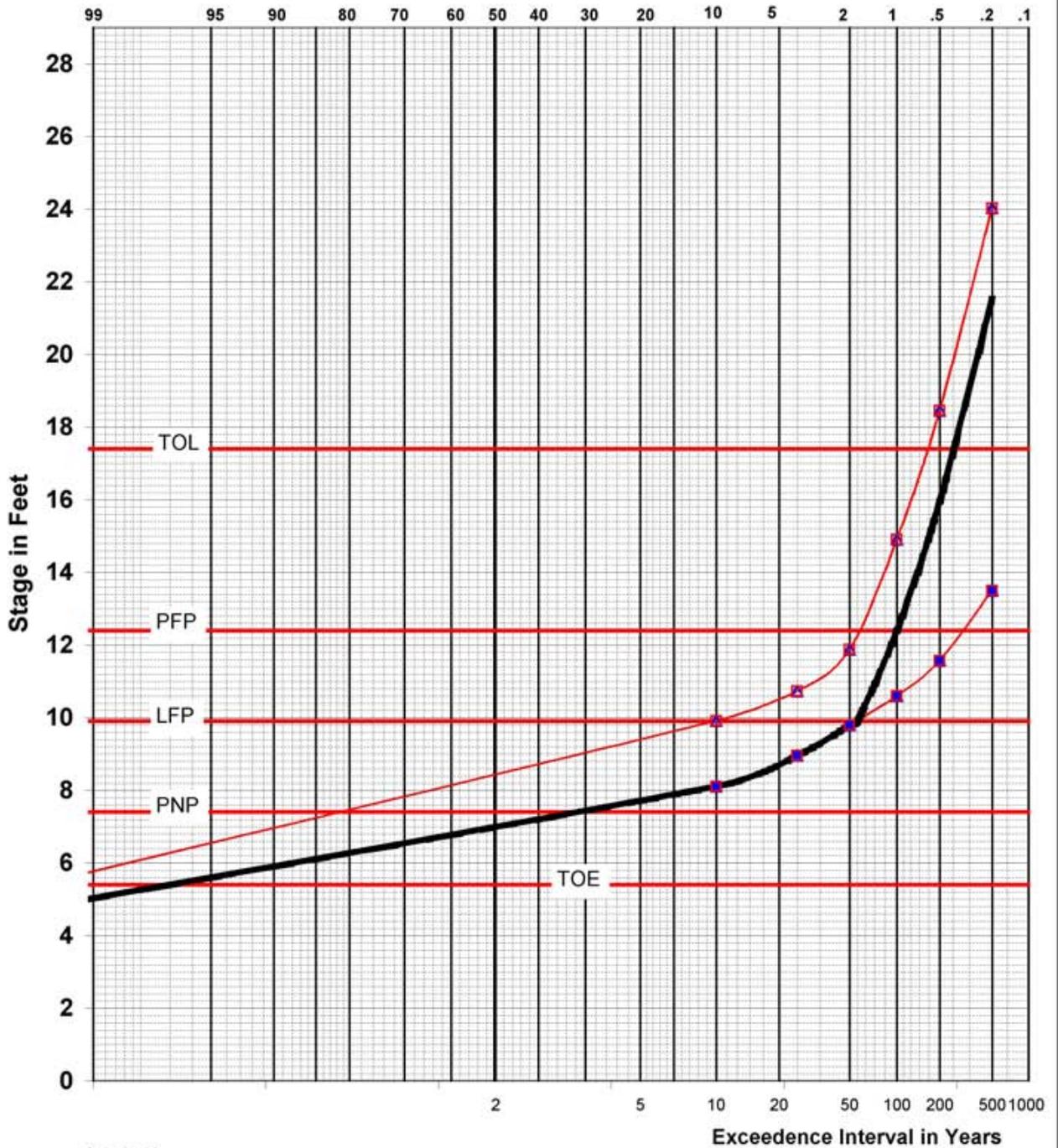
Exceedence frequency per 100 years



- Legend
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY	
Phase II Economics	
STAGE FREQUENCY CURVE	
RISK BASED ANALYSIS	
SAN JOAQUIN RIVER	
DAMAGE AREA SJ41	
Corps of Engineers, Sacramento District	
October 2002	PLATE D.2-39

Exceedence frequency per 100 years



- Legend**
- Solid Square = Base Conditions @ Breakout
 - Hollow Square = Infinite Channel @ Breakout
 - Solid Triangle = Base Conditions @ IP
 - Hollow Triangle = Infinite Channel @ IP
 - Heavy Dashed = Hybrid @ Breakout
 - Heavy Solid = Hybrid @ IP

COMPREHENSIVE STUDY Phase II Economics STAGE FREQUENCY CURVE RISK BASED ANALYSIS SAN JOAQUIN RIVER DAMAGE AREA SJ42
Corps of Engineers, Sacramento District October 2002 PLATE D.2-40