Core Goal: 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. **Planned** Actual **Project Project Project Project Target** Stage: Start: End: Start: End: Build ID: Name: Leader: Disposition: P-2005-03 **Enhanced Multisensor Precipitation** Kitzmiller, David OB8.3 5/2/2007 Build: 5/2/2007 6/30/2008 On-track or active Estimator (EMPE) Core Goal **Priority** Primary? 2 - Green 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. **V** 2 - Green 3. Improve forecasts of fast response hydrologic events including debris flow P-2005-04 Radar Based Probabilistic Quantitative Kitzmiller, David 2 Build: 2/23/2005 4/6/2005 Idle Precipitation Estimates (PQPE) **Core Goal Priority** Primary? 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. 2 - Green 8. Quantify the uncertainty of our forecast information 1 - Blue 10. Provide, then improve, gridded water resource data production capability 1 - Blue P-2005-06 Dual-Polarization Radar Precip Estimates Stein, Daniel 6/20/2007 10/6/2009 Build: On-track or active Core Goal Primary? **Priority** 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. 2 - Green **V** P-2005-08 North-American Scale Remote Sensor Kitzmiller, David 2 Build: Idle **Precipitation Estimate** Core Goal **Priority** Primary? 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. 2 - Green **✓** 10. Provide, then improve, gridded water resource data production capability 1 - Blue P-2005-14 Automated Rain Gauge QC Kitzmiller, David 2 Build: OB8.3 7/12/2005 8/13/2005 7/12/2005 Idle Core Goal **Priority Primary?** 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. 2 - Green **V** 2 - Green 3. Improve forecasts of fast response hydrologic events including debris flow

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Core Goal: 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc.

Project	Project	Project		•	Target	Plan	ned	Act	ual	Pro	ject
IĎ:	Name:	Leader:	Stage:		Build	Start:	End:	Start:	End:		sition:
P-2005-18	Data Assimilator for Research Dist. Hydrologic Model (RDHM)	Lee, Haksu	3	Build:		7/31/2006	2/15/2008	7/1/2007		On-trac	c or active
Core Goal 1. Improve th	e quality of physical inputs and forcings, e	e.g. QPE, QPF, temper	rature, snow	, evapot	ranspirat	ion, soil con	ditions, burn da	ata, etc.		Priority 2 - Green	Primary
2. Improve riv	ver forecasts by improving hydrologic mod	dels (Note: "river foreca	asts" include	water s	upply fore	ecasts)				3 - Yellow	
10. Provide, t	then improve, gridded water resource data	a production capability								1 - Blue	~
P-2005-31	Daily QC into MPE	Lawrence, Bryon	4	Build:	OB8.1	5/31/2006	8/16/2006	5/26/2006		On-trac	c or active
Cara Caal										Priority	Primary
	e quality of physical inputs and forcings, e	e.g. QPE, QPF, temper	rature, snow	, evapot	ranspirat	ion, soil con	ditions, burn da	ata, etc.		2 - Green	✓
1. Improve th	e quality of physical inputs and forcings, e Multi Sensor Precipitation Nowcaster (MPN)	e.g. QPE, QPF, temper	rature, snow	, evapot Build:	ranspirat OB9	ion, soil con 4/26/2007	ditions, burn da	ata, etc.			c or active
P-2005-35 Core Goal	Multi Sensor Precipitation Nowcaster		3	Build:	OB9	4/26/2007	<u> </u>				
1. Improve th P-2005-35 Core Goal 1. Improve th	Multi Sensor Precipitation Nowcaster (MPN)	e.g. QPE, QPF, tempel	3 rature, snow	Build:	OB9	4/26/2007	<u> </u>			On-trac Priority	or active
1. Improve th P-2005-35 Core Goal 1. Improve th 3. Improve fo	Multi Sensor Precipitation Nowcaster (MPN) e quality of physical inputs and forcings, e	e.g. QPE, QPF, tempers s including debris flow	3 rature, snow	Build:	OB9	4/26/2007	<u> </u>			On-trac Priority 2 - Green	or active Primary
1. Improve th P-2005-35 Core Goal 1. Improve th 3. Improve fo 10. Provide, t	Multi Sensor Precipitation Nowcaster (MPN) e quality of physical inputs and forcings, erecasts of fast response hydrologic event	e.g. QPE, QPF, tempers including debris flow a production capability	3 rature, snow	Build:	OB9	4/26/2007 ion, soil con	<u> </u>			On-trac Priority 2 - Green 2 - Green	Primary U
1. Improve the P-2005-35 Core Goal 1. Improve the Same Improve for 10. Provide, the P-2005-36 Core Goal	Multi Sensor Precipitation Nowcaster (MPN) e quality of physical inputs and forcings, erecasts of fast response hydrologic event then improve, gridded water resource data	e.g. QPE, QPF, tempers including debris flow a production capability	3 rature, snow	Build:	OB9 cranspirat	4/26/2007 ion, soil con 3/23/2007	ditions, burn da	10/1/2007		On-trac Priority 2 - Green 2 - Green 1 - Blue	Primary U
1. Improve th P-2005-35 Core Goal 1. Improve to 3. Improve fo 10. Provide, to P-2005-36 Core Goal 1. Improve th	Multi Sensor Precipitation Nowcaster (MPN) e quality of physical inputs and forcings, exprecasts of fast response hydrologic event then improve, gridded water resource data. Snow Modeling - Data Quality Research	e.g. QPE, QPF, tempers including debris flow a production capability Smith, Michael e.g. QPE, QPF, temper	3 rature, snow 2 rature, snow	Build: Build: Build:	OB9 transpirati	4/26/2007 ion, soil con 3/23/2007 ion, soil con	ditions, burn da	10/1/2007		On-trac Priority 2 - Green 2 - Green 1 - Blue On-hold Priority	Primary Primary

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Core Goal: 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. **Planned** Actual **Project Project Project Project** Target Stage: Build Start: End: Start: End: Disposition: ID: Name: Leader: P-2005-38 Extrapolative Statistical Rainfall QPF 0-3 Kitzmiller, David Build: 12/14/2005 Idle 2 **Hour Prediction** Core Goal **Priority** Primary? 2 - Green 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. **V** 2 - Green 3. Improve forecasts of fast response hydrologic events including debris flow P-2005-39 NWSRFS Gridded Temperature Forecast Kitzmiller, David Build: 3/21/2005 4/6/2005 Idle Input **Core Goal Priority** Primary? 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. 2 - Green 10. Provide, then improve, gridded water resource data production capability 1 - Blue P-2005-43 Range Correction Algorithm -Kitzmiller, David 2 Build: 3/1/2005 Idle Convective-Stratiform Separation Algorithm (CSSA) Core Goal **Priority** Primary? 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. 2 - Green **~** P-2006-01 Test Improvements to QPE in the TAR Van Cooten, 3 Build: 1/10/2007 9/27/2007 1/10/2007 On-track or active River Basin Suzanne **Core Goal Priority** Primary? 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. 2 - Green **V** 2 - Green 3. Improve forecasts of fast response hydrologic events including debris flow 2 - Green 21. Define and coordinate Hydrology Program requirements with other NOAA programs (conductive external project)

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Core Goal: 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc.

Project	Project	Project		Ta	arget	Plar	ned	Act	tual	Pro	ject
ID:	Name:	Leader:	Stage:		Build	Start:	End:	Start:	End:		sition:
P-2006-04	Transfer RFC Bias Info to WFO Radar Product Generator (RPG)	Fresch, Mark	4	Build: (OB8.2	1/17/2007	4/18/2008			On-trac	k or active
Core Goal 1. Improve th	e quality of physical inputs and forcings, e.ç	ј. QPE, QPF, tempe	erature, snow	v, evapotra	nspirat	ion, soil con	ditions, burn dat	a, etc.		Priority 2 - Green	Primary? ✓
3. Improve fo	recasts of fast response hydrologic events	ncluding debris flow	I							2 - Green	
9. Generate a	and disseminate information to and for our u	isers								3 - Yellow	
P-2006-14	Terminal Doppler Weather Radar (TDWR) Derived Hydromet Products	Stein, Daniel	5	Build: (OB8.2	12/5/2007	3/15/2008			Awaitin	g deploymen
Core Goal 1. Improve th	e quality of physical inputs and forcings, e.ç	ј. QPE, QPF, tempe	erature, snow	v, evapotra	nspirat	ion, soil con	ditions, burn dat	a, etc.		Priority 2 - Green	Primary? ✓
3. Improve fo	recasts of fast response hydrologic events	ncluding debris flow	I							2 - Green	
P-2007-13	Digital Storm Total Precipitation Product	Kitzmiller, David	1	Build:		3/28/2005				On-hold	i
Core Goal 1. Improve th	e quality of physical inputs and forcings, e.ç	ј. QPE, QPF, tempe	erature, snow	v, evapotra	nspirat	ion, soil con	ditions, burn dat	a, etc.		Priority 2 - Green	Primary? ✓
3. Improve fo	recasts of fast response hydrologic events	ncluding debris flow	I							2 - Green	

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Core Goal: 2. Improve river forecasts by improving hydrologic models (Note: "river forecasts" include water supply forecasts)

Project	Project	Project	_	Ta	rget	Planned	Actu	ual	Proj	ect
ID:	Name:	Leader:	Stage:		Build	Start: End:	Start:	End:	Dispos	sition:
P-2005-11	Interactive Calibration Program (ICP) Replacement	Vo, Ai	4	Build: C	DB8.3	5/17/2006 9/19/2007			On-track	or active
Core Goal 2. Improve ri	ver forecasts by improving hydrologic mode	els (Note: "river fored	casts" include	e water sup	ply fore	ecasts)			Priority 3 - Yellow	Primary?
13. Software	refresh – enhance the usability and/or inte	rnal workings of exis	sting software	Э					1 - Blue	✓
P-2005-12	Data Quality Model Calibration - IDMA	Smith, Michael	2	Build:		3/16/2005	3/16/2005		On-hold	
Core Goal 2. Improve ri	ver forecasts by improving hydrologic mode	els (Note: "river fored	casts" include	e water sup	ply fore	ecasts)			Priority 3 - Yellow	Primary? ✓
P-2005-13	Snow Modeling Intercomparison II (Snow MIP II)	Smith, Michael	2	Build:		3/23/2007 4/18/2007	3/23/2007		Waiting	for input
Core Goal 2. Improve ri	ver forecasts by improving hydrologic mode	els (Note: "river fored	casts" include	e water sup	ply fore	ecasts)			Priority 3 - Yellow	Primary?
10. Provide,	then improve, gridded water resource data	production capability	y						1 - Blue	✓
P-2005-15	Distributed Model Intercomparison Project (DMIP) 2	Smith, Michael	3	Build:		11/15/2006 1/15/2008			On-track	or active
Core Goal 2. Improve ri	ver forecasts by improving hydrologic mode	els (Note: "river fored	casts" include	e water sup	ply fore	ecasts)			Priority 3 - Yellow	Primary?
3. Improve fo	precasts of fast response hydrologic events	including debris flow	v						2 - Green	
10. Provide,	then improve, gridded water resource data	production capability	y						1 - Blue	✓

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Core Goal: 2. Improve river forecasts by improving hydrologic models (Note: "river forecasts" include water supply forecasts)

Project	Project	Project	Stage:		arget	Planned	Actua		•	ject
ID:	Name:	Leader:	olugo.	t	Build	Start: End:	Start:	End:	Dispo	sition:
P-2005-18	Data Assimilator for Research Dist. Hydrologic Model (RDHM)	Lee, Haksu	3	Build:		7/31/2006 2/15/2008	7/1/2007		On-trac	k or active
Core Goal 1. Improve th	e quality of physical inputs and forcings, e.	g. QPE, QPF, tempe	erature, snow	v, evapotra	anspirat	ion, soil conditions, burn da	ta, etc.		Priority 2 - Green	Primary
2. Improve riv	ver forecasts by improving hydrologic mode	ls (Note: "river fored	asts" include	e water sup	oply for	ecasts)			3 - Yellow	
10. Provide, t	then improve, gridded water resource data	production capability	/						1 - Blue	✓
P-2005-22	VAR Verification, Validation & Enhancement	Seo, DongJun	3	Build:		9/26/2005 11/30/2007	9/26/2005		Re-worl	< Requested
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mode	ls (Note: "river fored	asts" include	e water sup	oply fore	ecasts)			Priority 3 - Yellow	Primary
8. Quantify th	ne uncertainty of our forecast information								1 - Blue	✓
16. Verify our	r forecast and uncertainty information								1 - Blue	
P-2005-29	SAC Model Enhancements for Frozen Water	Cajina, Lee	4	Build: (OB8.3	6/23/2007 1/9/2008	6/23/2007		On-trac	k or active
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mode	ls (Note: "river fored	asts" include	e water sup	oply fore	ecasts)			Priority 3 - Yellow	Primary' ✓
P-2005-36	Snow Modeling - Data Quality Research	Smith, Michael	2	Build:		3/23/2007 4/18/2007	10/1/2007		On-hold	l
Core Goal 1. Improve th	e quality of physical inputs and forcings, e.	g. QPE, QPF, tempe	erature, snow	v, evapotra	nspirat	ion, soil conditions, burn da	ta, etc.		Priority 2 - Green	Primary?
	and the second of the Common Committee to the death of the second of	la (Nlata: "river force	ooto" include	water cur	only for	acaete)			3 - Yellow	
2. Improve riv	ver forecasts by improving hydrologic mode	is (Note. Tivel lored	asis include	water sup	opiy ioit	ecasis)			0 .0011	

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Core Goal: 2. Improve river forecasts by improving hydrologic models (Note: "river forecasts" include water supply forecasts)

Project	Project	Project		Targ	et	Plan	ned	Act	ual	Pro	ject
ID:	Name:	Leader:	Stage:	Bui		Start:	End:	Start:	End:		sition:
P-2006-11	Distributed Hydrologic Modeling R&D: Model Calibration	Smith, Michael	2	Build: .		3/23/2007		3/23/2007		On-trac	k or active
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mode	els (Note: "river forec	asts" include	water supply	fore	casts)				Priority 3 - Yellow	Primary
3. Improve fo	recasts of fast response hydrologic events	including debris flow	I							2 - Green	
10. Provide, t	hen improve, gridded water resource data	production capability	/							1 - Blue	\checkmark
P-2007-10	Change HL-RDHM to Interpolate Inputs	Smith, Michael	2	Build: .		4/17/2007	6/16/2007			On-trac	k or active
Core Goal	ver forecasts by improving hydrologic mode	els (Note: "river forec	asts" include	water supply	fore	casts)				Priority 3 - Yellow	Primary [*] ✓
z. improve m	rei forecasis by improving hydrologic mode	SIS (INOICE. TIVEL TOLCE		117		•					
•	then improve, gridded water resource data	•		117		,				1 - Blue	
•	, , , , ,	•				1/20/2006	6/29/2007	11/20/2006	6/29/2007		k or active
10. Provide, t P-2007-15	then improve, gridded water resource data Operational Distributed Hydrologic	production capability Vo, Ai	4	Build: OB	3.2 1		6/29/2007	11/20/2006	6/29/2007		k or active
P-2007-15 Core Goal 2. Improve riv	Operational Distributed Hydrologic Modeling (DHM) (Phase 2)	vo, Ai els (Note: "river forec	4 asts" include	Build: OB	3.2 1		6/29/2007	11/20/2006	6/29/2007	On-trac	
10. Provide, t P-2007-15 Core Goal 2. Improve riv 3. Improve fo	Operational Distributed Hydrologic Modeling (DHM) (Phase 2) ver forecasts by improving hydrologic mode	vo, Ai els (Note: "river forect including debris flow	4 asts" include	Build: OB	3.2 1		6/29/2007	11/20/2006	6/29/2007	On-trac Priority 3 - Yellow	k or active Primary
10. Provide, t P-2007-15 Core Goal 2. Improve riv 3. Improve fo 10. Provide, t	Operational Distributed Hydrologic Modeling (DHM) (Phase 2) ver forecasts by improving hydrologic modeling recasts of fast response hydrologic events	vo, Ai els (Note: "river forece including debris flow production capability	4 asts" include	Build: OB	3.2 1		6/29/2007	11/20/2006	6/29/2007	On-trace Priority 3 - Yellow 2 - Green	k or active Primary
10. Provide, t P-2007-15 Core Goal 2. Improve riv 3. Improve fo 10. Provide, t	Chen improve, gridded water resource data Operational Distributed Hydrologic Modeling (DHM) (Phase 2) Ver forecasts by improving hydrologic moderecasts of fast response hydrologic events then improve, gridded water resource data	vo, Ai els (Note: "river forece including debris flow production capability	4 asts" include	Build: OB	3.2 1			11/20/2006	6/29/2007	On-trace Priority 3 - Yellow 2 - Green 1 - Blue 1 - Blue	k or active Primary

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Core Goal: 3. Improve forecasts of fast response hydrologic events including debris flow

Project	Project	Project	Stage:		Target	Plan Start:		Act Start:	ual End:		ject
ID:	Name:	Leader:			Build	Start.	LIIU.	Start.	LIIU.	Dispo	sition:
P-2005-03	Enhanced Multisensor Precipitation Estimator (EMPE)	Kitzmiller, David	4	Build:	OB8.3	5/2/2007	6/30/2008	5/2/2007		On-trac	k or active
Core Goal 1. Improve the	e quality of physical inputs and forcings, e.g	ı. QPE, QPF, temper	ature, snow	, evapo	transpirat	ion, soil cond	ditions, burn da	ata, etc.		Priority 2 - Green	Primary? ✓
3. Improve for	recasts of fast response hydrologic events i	ncluding debris flow								2 - Green	
P-2005-14	Automated Rain Gauge QC	Kitzmiller, David	2	Build:	OB8.3	7/12/2005	8/13/2005	7/12/2005		Idle	
Core Goal 1. Improve the	e quality of physical inputs and forcings, e.g	ı. QPE, QPF, temper	ature, snow	ı, evapo	transpirat	ion, soil con	ditions, burn da	ata, etc.		Priority 2 - Green	Primary? ✓
3. Improve for	recasts of fast response hydrologic events i	ncluding debris flow								2 - Green	
P-2005-15	Distributed Model Intercomparison Project (DMIP) 2	Smith, Michael	3	Build:		11/15/2006	1/15/2008			On-trac	k or active
Core Goal 2. Improve riv	er forecasts by improving hydrologic model	s (Note: "river foreca	asts" include	e water s	supply for	ecasts)				Priority 3 - Yellow	Primary?
3. Improve for	recasts of fast response hydrologic events i	ncluding debris flow								2 - Green	
10. Provide, t	hen improve, gridded water resource data p	production capability								1 - Blue	\checkmark
P-2005-16	Satellite Radar Gauge (SRG) Integration into MPE	Tilles, Paul	4	Build:	OB8.2	1/27/2007	7/11/2007			On-trac	k or active
Core Goal 3. Improve for	recasts of fast response hydrologic events i	ncluding debris flow								Priority 2 - Green	Primary? ✓
P-2005-23	Implementation for VAR into Site Specific Hydrologic Predictor (SSHP)	Gobs, Chip	3	Build:	OB9.	7/11/2007	11/21/2007	7/11/2007		On-trac	k or active
Core Goal	recasts of fast response hydrologic events i									Priority 2 - Green	Primary?

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Project	Project	Project			Target	Plan	ned	Act	ual	Pro	oject
ID:	Name:	Leader:	Stage:		Build	Start:	End:	Start:	End:		osition:
P-2005-27	Evaluation of Hydrologic Forecasts in Puerto Rico based on the use of USGS	Smith, Michael	2	Build:		12/28/2005	1/30/2006	1/18/2006		On-trac	ck or active
Core Goal 3. Improve fo	precasts of fast response hydrologic events i	ncluding debris flow								Priority 2 - Green	Primary? ✓
P-2005-35	Multi Sensor Precipitation Nowcaster (MPN)		3	Build:	OB9	4/26/2007				On-trac	ck or active
Core Goal 1. Improve th	ne quality of physical inputs and forcings, e.g	. QPE, QPF, temper	ature, snow	ı, evapot	transpira	tion, soil cond	ditions, burn da	ata, etc.		Priority 2 - Green	Primary? ✓
3. Improve fo	recasts of fast response hydrologic events i	ncluding debris flow								2 - Green	
10. Provide, t	then improve, gridded water resource data p	roduction capability								1 - Blue	
P-2005-37	Urban Flash Flood Modeling	Kitzmiller, David	1	Build:		10/24/2005				Idle	
Core Goal 3. Improve fo	precasts of fast response hydrologic events i	ncluding debris flow								Priority 2 - Green	Primary? ✓
P-2005-38	Extrapolative Statistical Rainfall QPF 0-3 Hour Prediction	Kitzmiller, David	2	Build:		12/14/2005				Idle	
Core Goal 1. Improve th	ne quality of physical inputs and forcings, e.g	. QPE, QPF, temper	ature, snow	, evapot	transpira	tion, soil cond	ditions, burn da	ata, etc.		Priority 2 - Green	Primary? ✓
3. Improve fo	recasts of fast response hydrologic events i	ncluding debris flow								2 - Green	
P-2006-01	Test Improvements to QPE in the TAR River Basin	Van Cooten, Suzanne	3	Build:		1/10/2007	9/27/2007	1/10/2007		On-trac	ck or active
Core Goal 1. Improve th	ne quality of physical inputs and forcings, e.g	. QPE, QPF, temper	ature, snow	, evapot	transpira	tion, soil con	ditions, burn da	ata, etc.		Priority 2 - Green	Primary? ✓
3. Improve fo	recasts of fast response hydrologic events i	ncluding debris flow								2 - Green	
o.	nd coordinate Hydrology Program requireme	nto with other NOAA	programa	(conduct	tivo ovtor	rnal project)				2 - Green	

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Core Goal: 3. Improve forecasts of fast response hydrologic events including debris flow

Project	Project	Project	C1		Target	Plan			ual	Pro	ject
ID:	Name:	Leader:	Stage:		Build	Start:	End:	Start:	End:	Dispo	sition:
P-2006-04	Transfer RFC Bias Info to WFO Radar Product Generator (RPG)	Fresch, Mark	4	Build:	OB8.2	1/17/2007	4/18/2008			On-trac	k or active
Core Goal 1. Improve the	e quality of physical inputs and forcings, e.	g. QPE, QPF, tempe	rature, snow	, evapoti	ranspirat	ion, soil con	ditions, burn da	ta, etc.		Priority 2 - Green	Primary′ ✓
3. Improve foi	recasts of fast response hydrologic events	including debris flow	,							2 - Green	
9. Generate a	and disseminate information to and for our	users								3 - Yellow	
P-2006-11	Distributed Hydrologic Modeling R&D: Model Calibration	Smith, Michael	2	Build:		3/23/2007		3/23/2007		On-trac	k or active
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mode	els (Note: "river foreca	asts" include	water su	upply fore	ecasts)				Priority 3 - Yellow	Primary
3. Improve foi	recasts of fast response hydrologic events	including debris flow	,							2 - Green	
10. Provide, tl	hen improve, gridded water resource data	production capability	,							1 - Blue	✓
P-2006-14	Terminal Doppler Weather Radar (TDWR) Derived Hydromet Products	Stein, Daniel	5	Build:	OB8.2	12/5/2007	3/15/2008			Awaitin	g deployme
Core Goal 1. Improve the	e quality of physical inputs and forcings, e.	g. QPE, QPF, tempe	rature, snow	, evapotı	ranspirat	ion, soil con	ditions, burn da	ta, etc.		Priority 2 - Green	Primary ✓
3. Improve for	recasts of fast response hydrologic events	including debris flow	•							2 - Green	
P-2006-15	Flash Flood Monitoring and Prediction (FFMP) - Advance Design	Mullusky, Mary	3	Build:	OB8.2	10/10/2006	9/18/2007			On-trac	k or active
Core Goal 3. Improve for	recasts of fast response hydrologic events	including debris flow	,							Priority 2 - Green	Primary ✓

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Core Goal: 3. Improve forecasts of fast response hydrologic events including debris flow **Planned** Actual **Project Project Project Project Target** Stage: Build Start: End: Start: End: Name: Leader: **Disposition:** ID: P-2007-13 Digital Storm Total Precipitation Product Kitzmiller, David Build: 3/28/2005 On-hold **Core Goal Priority** Primary? 2 - Green 1. Improve the quality of physical inputs and forcings, e.g. QPE, QPF, temperature, snow, evapotranspiration, soil conditions, burn data, etc. 2 - Green 3. Improve forecasts of fast response hydrologic events including debris flow P-2007-15 Operational Distributed Hydrologic Vo, Ai OB8.2 11/20/2006 6/29/2007 11/20/2006 6/29/2007 On-track or active Modeling (DHM) (Phase 2) **Core Goal Priority** Primary? 3 - Yellow 2. Improve river forecasts by improving hydrologic models (Note: "river forecasts" include water supply forecasts) 3. Improve forecasts of fast response hydrologic events including debris flow 2 - Green 10. Provide, then improve, gridded water resource data production capability 1 - Blue **V** 13. Software refresh – enhance the usability and/or internal workings of existing software 1 - Blue

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Core Goal: 4. Improve forecasts based on the effect of dam failures

•	oject	Project		Targe	Planned		Actual		ject
ID. No	ame:	Leader:	Stage:	Build	Start: End:	Start:	End:	-	sition:
Core Goal	m Break Analysis Tool sts based on the effect of dam failures	Cabrera, Reggina	2	Build: .				Idle Priority 3 - Yellow	Primary? ✓

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Core Goal:	5. Improve hydrologic forecasts impac	ted by reservoirs ar	nd regulation	on (out	tsource)						
Project ID:	Project Name:	Project Leader:	Stage:		Target Build	Plan Start:		Act Start:	ual End:		ject sition:
P-2005-32	Streamflow Regulation Accounting Tool (SRA)		5	Build:	OB8.1	1/10/2007	1/10/2007	1/10/2007	1/10/2007	Beta Te	esting
Core Goal 5. Improve hy	ydrologic forecasts impacted by reservoirs	and regulation (outso	urce)							Priority 1 - Blue	Primary? ✓
P-2005-34	NWSRFS Reservoir Tools Enhancement	Hsu, Kuang-shen	4	Build:	OB8.3	4/18/2007	11/30/2007	4/18/2007		On-trac	k or active
Core Goal 5. Improve hy	ydrologic forecasts impacted by reservoirs	and regulation (outso	urce)							Priority 1 - Blue	Primary? ✓
P-2007-04	Integration of HEC ResSim Model into NWSRFS	Dietz, Christine	4	Build:		3/27/2007	10/1/2007	3/27/2007		On-trac	k or active
Core Goal 5. Improve hy	ydrologic forecasts impacted by reservoirs	and regulation (outso	urce)							Priority 1 - Blue	Primary?
13. Software	refresh - enhance the usability and/or inter	nal workings of existi	ng software)						1 - Blue	~

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6. Improve the routing techniques used to connect forecast locations (includes coastal effects) - Hydraulics Models

Core Goal: 6. Improve the routing techniques used to connect forecast locations (includes coastal effects) - Hydraulics Models **Planned** Actual **Project Project Project Target Project** Stage: Build Start: End: Start: End: Leader: Disposition: ID: Name: P-2005-26 Simple Hydraulic Routing Technique Cabrera, Reggina Build: 9/29/2005 9/30/2005 3 On-hold (SHRT) Core Goal **Priority** Primary? 6. Improve the routing techniques used to connect forecast locations (includes coastal effects) - Hydraulics Models 2 - Green **V** 3 - Yellow 7. Improve flood forecast inundation maps Cabrera, Reggina P-2006-12 FLDWAV Enhancement - Wind Effect Build: 2/13/2006 7/31/2007 On-hold **Core Goal Priority** Primary? 6. Improve the routing techniques used to connect forecast locations (includes coastal effects) - Hydraulics Models 2 - Green **V** P-2007-07 A-priori Routing Parameter Estimation Build: 3/29/2007 Reed, Seann 3/29/2007 3/29/2007 Idle for Distributed Hydrologic Models **Core Goal Priority** Primary? 2 - Green 6. Improve the routing techniques used to connect forecast locations (includes coastal effects) - Hydraulics Models **V** 1 - Blue 10. Provide, then improve, gridded water resource data production capability P-2007-21 Numerical Implications on Selection of Gutierrez. Build: 8/1/2007 8/15/2007 Gate Pending Hydraulic Software in River Forecasting Angelica Core Goal **Priority** Primary?

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2 - Green

 \checkmark

Project ID:	Project Name:	Project Leader:	Stage:		Target Build	Plan Start:		Actual Start: End:		oject osition:
P-2005-26	Simple Hydraulic Routing Technique (SHRT)	Cabrera, Reggina	3	Build:		9/29/2005	9/30/2005		On-hold	d
Core Goal 6. Improve th	ne routing techniques used to connect foreca	ast locations (include:	s coastal ef	fects) - F	Hydraulics	s Models			Priority 2 - Green	Primary? ✓
. Improve flo	ood forecast inundation maps								3 - Yellow	
2-2007-08	Dynamic Inundation Mapping Evaluation	Cabrera, Reggina	2	Build:		5/23/2007	8/6/2007	5/23/2007 8/7/200	7 Condition	onal Approva
Core Goal	ood forecast inundation maps								Priority 3 - Yellow	Primary? ✓

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Core Goal:	8. Quantify the uncertainty of our fore	ecast information									
Project ID:	Project Name:	Project Leader:	Stage:		Target Build	Plan Start:		Act Start:	ual End:		ject sition:
P-2005-04	Radar Based Probabilistic Quantitative Precipitation Estimates (PQPE)	Kitzmiller, David	2	Build:		2/23/2005	4/6/2005			Idle	
Core Goal 1. Improve the	e quality of physical inputs and forcings, e.	g. QPE, QPF, temper	ature, snow	, evapo	transpira	tion, soil con	ditions, burn da	ata, etc.		Priority 2 - Green	Primary? ✓
8. Quantify th	e uncertainty of our forecast information									1 - Blue	
10. Provide, t	hen improve, gridded water resource data	production capability								1 - Blue	
P-2005-05	Ensemble Post Processor Evaluation	Regonda, Satish	3	Build:		12/12/2006	12/31/2007			On-trac	k or active
Core Goal 8. Quantify th	ne uncertainty of our forecast information									Priority 1 - Blue	Primary? ✓
13. Software	refresh - enhance the usability and/or inte	rnal workings of existi	ng software	:						1 - Blue	
P-2005-19	Hydrologic Ensemble Hindcaster	Demargne, Julie	3	Build:		9/15/2005	7/31/2007	9/15/2005		On-trac	k or active
Core Goal 8. Quantify th	ne uncertainty of our forecast information									Priority 1 - Blue	Primary? ✓
16. Verify our	forecast and uncertainty information									1 - Blue	
P-2005-20	Hydrologic Ensemble Preprocessor II	Wu, Limin	3	Build:		8/24/2005	9/29/2007	8/24/2005		On-trac	k or active
Core Goal 8. Quantify th	e uncertainty of our forecast information									Priority 1 - Blue	Primary? ✓
P-2005-22	VAR Verification, Validation & Enhancement	Seo, DongJun	3	Build:		9/26/2005	11/30/2007	9/26/2005		Re-wor	k Requested
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mode	els (Note: "river foreca	ısts" include	water s	supply for	ecasts)				Priority 3 - Yellow	Primary?
8. Quantify th	e uncertainty of our forecast information									1 - Blue	✓
	forecast and uncertainty information									1 - Blue	

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Core Goal:	8. Quantify the uncertainty of our fored	cast information									
Project ID:	Project Name:	Project Leader:	Stage:		Target Build	Plar Start:		Acto Start:	ual End:		ject sition:
P-2005-30	Ensemble Preprocessor for Global Forecasting System (GFS)	Schaake, John	3	Build:		7/27/2005	9/24/2005	9/24/2005		Idle	
Core Goal 8. Quantify th	e uncertainty of our forecast information									Priority 1 - Blue	Primary? ✓
P-2006-10	Hydrologic Ensemble Preprocessor 3	Schaake, John	1	Build:		12/5/2005	2/20/2006	12/5/2005		Idle	
Core Goal 8. Quantify th	e uncertainty of our forecast information									Priority 1 - Blue	Primary? ✓
P-2007-19	Experimental Ensemble Forecast System (XEFS)	Dietz, Christine	1	Build:		7/19/2007	8/10/2007			Waiting	for input
Core Goal 8. Quantify th	e uncertainty of our forecast information									Priority 1 - Blue	Primary? ✓

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Core Goal: 9. Generate and disseminate information to and for our users

Project	Project	Project			Target	Plan	ned	Act	ual	Pro	ject
IĎ:	Name:	Leader:	Stage:		Build	Start:	End:	Start:	End:		sition:
P-2006-04	Transfer RFC Bias Info to WFO Radar Product Generator (RPG)	Fresch, Mark	4	Build:	OB8.2	1/17/2007	4/18/2008			On-trac	k or active
Core Goal 1. Improve th	e quality of physical inputs and forcings,	e.g. QPE, QPF, temp	erature, snov	v, evapo	transpirat	ion, soil con	ditions, burn da	ıta, etc.		Priority 2 - Green	Primary? ✓
3. Improve fo	recasts of fast response hydrologic even	ts including debris flo	W							2 - Green	
9. Generate a	and disseminate information to and for ou	ır users								3 - Yellow	
P-2006-09	HydroGen - Enhance HydroGen to additional Data from IHFS DB	Herr, Hank	4	Build:	OB8.1	1/3/2007	12/20/2007	1/3/2007		On-trac	k or active
Core Goal 9. Generate a	and disseminate information to and for ou	ır users								Priority 3 - Yellow	Primary? ✓

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Core Goal:	10. Provide, then improve, gridded w	ater resource data p	oroduction (capability							
Project ID:	Project Name:	Project Leader:	Stage:	Tarç Bui	-	Plan Start:		Ac Start:	tual End:		ject sition:
P-2005-04	Radar Based Probabilistic Quantitative Precipitation Estimates (PQPE)	Kitzmiller, David	2	Build: .		2/23/2005	4/6/2005			Idle	
Core Goal 1. Improve th	e quality of physical inputs and forcings, e	e.g. QPE, QPF, tempe	rature, snow	ı, evapotransı	piratio	on, soil con	ditions, burn	data, etc.		Priority 2 - Green	Primary? ✓
8. Quantify th	ne uncertainty of our forecast information									1 - Blue	
10. Provide, t	then improve, gridded water resource data	a production capability	,							1 - Blue	
P-2005-08	North-American Scale Remote Sensor Precipitation Estimate	Kitzmiller, David	2	Build: .						Idle	
Core Goal 1. Improve th	e quality of physical inputs and forcings, e	e.g. QPE, QPF, tempe	rature, snow	ı, evapotransı	piratio	on, soil con	ditions, burn	data, etc.		Priority 2 - Green	Primary? ✓
10. Provide, t	then improve, gridded water resource data	a production capability	,							1 - Blue	
P-2005-10	Flash Flood Forecasting - New Distributed Modeling Techniques	Reed, Seann	3	Build: OB	8.3 1	1/23/2005	9/30/2008	11/23/2005	5	On-trac	k or active
Core Goal 10. Provide, t	then improve, gridded water resource data	a production capability								Priority 2 - Green	Primary? ✓
P-2005-13	Snow Modeling Intercomparison II (Snow MIP II)	Smith, Michael	2	Build: .		3/23/2007	4/18/2007	3/23/2007	1	Waiting	for input
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mod	dels (Note: "river foreca	asts" include	water supply	/ fore	casts)				Priority 3 - Yellow	Primary?
10. Provide, t	then improve, gridded water resource data	a production capability	,							1 - Blue	~

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	•	vater resource data	production	apability						
Project ID:	Project Name:	Project Leader:	Stage:	Targe Build		nned End:	Act Start:	ual End:		ject sition:
P-2005-15	Distributed Model Intercomparison Project (DMIP) 2	Smith, Michael	3	Build: .	11/15/2006	1/15/2008			On-trac	k or active
Core Goal 2. Improve ri	ver forecasts by improving hydrologic mod	dels (Note: "river fored	asts" include	water supply fo	orecasts)				Priority 3 - Yellow	Primary?
3. Improve fo	precasts of fast response hydrologic event	ts including debris flov	v						2 - Green	
10. Provide,	then improve, gridded water resource dat	a production capability	y						1 - Blue	V
P-2005-18	Data Assimilator for Research Dist. Hydrologic Model (RDHM)	Lee, Haksu	3	Build: .	7/31/2006	2/15/2008	7/1/2007		On-trac	k or active
Core Goal 1. Improve the	ne quality of physical inputs and forcings,	e.g. QPE, QPF, tempe	erature, snow	, evapotranspir	ation, soil cor	ditions, burn da	ata, etc.		Priority 2 - Green	Primary?
		data (Nilata Watan Cana			, , , , , , , , , , , , , , , , , , ,				3 - Yellow	
2. Improve ri	ver forecasts by improving hydrologic mod	dels (Note: "river forec	asts" include	water supply to	recasts)				O TOHOW	
•	then improve, gridded water resource dat	,		water supply to	orecasts)				1 - Blue	∠
•	, , , , ,	,		Build: OB9	4/26/2007				1 - Blue	_
10. Provide, P-2005-35 Core Goal	then improve, gridded water resource dat Multi Sensor Precipitation Nowcaster	a production capability	3	Build: OB9	4/26/2007		ata, etc.		1 - Blue	<u> </u>
10. Provide, P-2005-35 Core Goal 1. Improve th	then improve, gridded water resource dat Multi Sensor Precipitation Nowcaster (MPN)	a production capability . e.g. QPE, QPF, tempe	3 erature, snow	Build: OB9	4/26/2007		ata, etc.		1 - Blue On-trac	k or active Primary?
10. Provide, P-2005-35 Core Goal 1. Improve th	then improve, gridded water resource dat Multi Sensor Precipitation Nowcaster (MPN) ne quality of physical inputs and forcings, or	a production capability e.g. QPE, QPF, tempers is including debris flow	3 erature, snow	Build: OB9	4/26/2007		ata, etc.		1 - Blue On-trac Priority 2 - Green	k or active Primary?
10. Provide, P-2005-35 Core Goal 1. Improve th	then improve, gridded water resource dat Multi Sensor Precipitation Nowcaster (MPN) ne quality of physical inputs and forcings, orecasts of fast response hydrologic event	a production capability e.g. QPE, QPF, tempers including debris flow a production capability	3 erature, snow	Build: OB9	4/26/2007 ation, soil cor		ata, etc. 10/1/2007		1 - Blue On-trac Priority 2 - Green 2 - Green	k or active Primary? V
P-2005-35 Core Goal 1. Improve th 3. Improve fo 10. Provide, P-2005-36 Core Goal	then improve, gridded water resource dat Multi Sensor Precipitation Nowcaster (MPN) ne quality of physical inputs and forcings, orecasts of fast response hydrologic event then improve, gridded water resource dat	e.g. QPE, QPF, tempers including debris flow a production capability has smith, Michael	3 erature, snow v y	Build: OB9 , evapotranspir Build:	4/26/2007 ation, soil cor 3/23/2007	ditions, burn da	10/1/2007		On-trace Priority 2 - Green 2 - Green 1 - Blue	k or active Primary? V
10. Provide, P-2005-35 Core Goal 1. Improve th 3. Improve for 10. Provide, P-2005-36 Core Goal 1. Improve th	then improve, gridded water resource dat Multi Sensor Precipitation Nowcaster (MPN) ne quality of physical inputs and forcings, orecasts of fast response hydrologic event then improve, gridded water resource dat Snow Modeling - Data Quality Research	e.g. QPE, QPF, tempers including debris flow a production capability h Smith, Michael e.g. QPE, QPF, tempers	gerature, snow y y 2 erature, snow	Build: OB9 , evapotranspir Build: .	4/26/2007 ation, soil con 3/23/2007 ation, soil con	ditions, burn da	10/1/2007		On-trace Priority 2 - Green 2 - Green 1 - Blue On-hold Priority	k or active Primary?

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Core Goal:	10. Provide, then improve, gridded wa	ter resource data pr	roduction o	capability							
Project ID:	Project Name:	Project Leader:	Stage:	Targ Bui		Plan Start:		Act Start:	ual End:		ject sition:
P-2005-39	NWSRFS Gridded Temperature Forecast Input	Kitzmiller, David	1	Build: .		3/21/2005	4/6/2005			Idle	
Core Goal 1. Improve th	e quality of physical inputs and forcings, e.ç	j. QPE, QPF, tempera	ature, snow	, evapotransp	oirati	on, soil cond	ditions, burn da	ata, etc.		Priority 2 - Green	Primary? ✓
10. Provide, t	then improve, gridded water resource data p	production capability								1 - Blue	
P-2006-11	Distributed Hydrologic Modeling R&D: Model Calibration	Smith, Michael	2	Build: .		3/23/2007		3/23/2007		On-trac	k or active
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mode	s (Note: "river forecas	sts" include	water supply	fore	ecasts)				Priority 3 - Yellow	Primary?
3. Improve fo	recasts of fast response hydrologic events	ncluding debris flow								2 - Green	
10. Provide, t	then improve, gridded water resource data p	production capability								1 - Blue	~
P-2007-07	A-priori Routing Parameter Estimation for Distributed Hydrologic Models	Reed, Seann	1	Build: .		3/29/2007	3/29/2007	3/29/2007		Idle	
Core Goal 6. Improve th	ne routing techniques used to connect foreca	ast locations (includes	s coastal ef	fects) - Hydra	ulics	Models				Priority 2 - Green	Primary? ✓
10. Provide, t	then improve, gridded water resource data p	production capability								1 - Blue	
P-2007-10	Change HL-RDHM to Interpolate Inputs	Smith, Michael	2	Build: .		4/17/2007	6/16/2007			On-trac	k or active
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mode	s (Note: "river forecas	sts" include	water supply	fore	ecasts)				Priority 3 - Yellow	Primary? ✓
10. Provide, t	then improve, gridded water resource data p	production capability								1 - Blue	

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Core Goal: 10. Provide, then improve, gridded water resource data production capability **Planned Actual Project Project Project Target Project** Stage: Build Start: End: Start: End: **Disposition:** ID: Name: Leader: P-2007-15 Operational Distributed Hydrologic Vo, Ai Build: OB8.2 11/20/2006 6/29/2007 11/20/2006 6/29/2007 On-track or active Modeling (DHM) (Phase 2) **Core Goal Priority** Primary? 3 - Yellow 2. Improve river forecasts by improving hydrologic models (Note: "river forecasts" include water supply forecasts) 2 - Green 3. Improve forecasts of fast response hydrologic events including debris flow 1 - Blue **V** 10. Provide, then improve, gridded water resource data production capability 13. Software refresh - enhance the usability and/or internal workings of existing software 1 - Blue

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Core Goal:	13. Software refresh – enhance the us	sability and/or interi	nal working	gs of ex	isting so	ftware					
Project ID:	Project Name:	Project Leader:	Stage:		Target Build	Plar Start:		Act Start:	ual End:		ject osition:
P-2005-05	Ensemble Post Processor Evaluation	Regonda, Satish	3	Build:		12/12/2006	12/31/2007			On-trac	k or active
Core Goal 8. Quantify the	e uncertainty of our forecast information									Priority 1 - Blue	Primary? ✓
13. Software r	refresh – enhance the usability and/or inte	rnal workings of existi	ing software)						1 - Blue	
P-2005-11	Interactive Calibration Program (ICP) Replacement	Vo, Ai	4	Build:	OB8.3	5/17/2006	9/19/2007			On-trad	k or active
Core Goal 2. Improve riv	rer forecasts by improving hydrologic mode	els (Note: "river foreca	asts" include	water s	upply for	recasts)				Priority 3 - Yellow	Primary?
13. Software r	refresh – enhance the usability and/or inte	rnal workings of existi	ing software)						1 - Blue	~
P-2007-04	Integration of HEC ResSim Model into NWSRFS	Dietz, Christine	4	Build:		3/27/2007	10/1/2007	3/27/2007		On-trac	k or active
Core Goal 5. Improve hy	drologic forecasts impacted by reservoirs	and regulation (outso	urce)							Priority 1 - Blue	Primary?
13. Software r	refresh – enhance the usability and/or inte	rnal workings of existi	ing software)						1 - Blue	~
P-2007-15	Operational Distributed Hydrologic Modeling (DHM) (Phase 2)	Vo, Ai	4	Build:	OB8.2	11/20/2006	6/29/2007	11/20/2006	6/29/200	7 On-trac	k or active
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mode	els (Note: "river foreca	asts" include	water s	upply for	recasts)				Priority 3 - Yellow	Primary?
3. Improve for	recasts of fast response hydrologic events	including debris flow								2 - Green	
10. Provide, th	hen improve, gridded water resource data	production capability								1 - Blue	✓
13. Software r	refresh – enhance the usability and/or inte	rnal workings of existi	ing software)						1 - Blue	

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Project	Project	Project		Ta	arget	Plan	ned	Act	ual	Pro	ject
ID:	Name:	Leader:	Stage:	E	Build	Start:	End:	Start:	End:	Dispo	sition:
P-2007-17	Community Hydrologic Prediction System (CHPS)	Dietz, Christine	3	Build:		5/15/2007	11/20/2007			On-trac	k or active
Core Goal 13. Software	refresh – enhance the usability and/or ir	nternal workings of exist	ting software							Priority 1 - Blue	Primary? ✓
		nternal workings of exist Dietz, Christine	ting software	Build:		9/13/2007	9/28/2007			1 - Blue	

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Core Goal:	15. Archive information required to su	pport the Hydrology	y Program	now and in t	ne future					
Project ID:	Project Name:	Project Leader:	Stage:	Targ Buil	, t	anned t: End:	Act Start:	ual End:		ject sition:
P-2006-13	Synchronize Archive DB IHFS Database Metadata	Erb, Russ	4	Build: OB8	3 8/1/20	07 1/2/2008	8/1/2007		On-trac	k or active
Core Goal 15. Archive in	nformation required to support the Hydrolog	y Program now and i	in the future						Priority 2 - Green	Primary? ✓

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Core Goal:	16. Verify our forecast and uncertain	ty information									
Project ID:	Project Name:	Project Leader:	Stage:		Target Build	Plan Start:		Act Start:	ual End:		ject sition:
P-2005-19	Hydrologic Ensemble Hindcaster	Demargne, Julie	3	Build:		9/15/2005	7/31/2007	9/15/2005		On-trac	k or active
Core Goal 8. Quantify th	ne uncertainty of our forecast information									Priority 1 - Blue	Primary′ ✓
16. Verify ou	r forecast and uncertainty information									1 - Blue	
P-2005-21	Hydrologic Ensemble Verification & Validation	Brown, James	3	Build:		9/20/2005	9/30/2007	9/20/2005		On-trac	k or active
Core Goal 16. Verify ou	r forecast and uncertainty information									Priority 1 - Blue	Primary? ✓
P-2005-22	VAR Verification, Validation & Enhancement	Seo, DongJun	3	Build:		9/26/2005	11/30/2007	9/26/2005		Re-wor	k Requested
Core Goal 2. Improve riv	ver forecasts by improving hydrologic mod	dels (Note: "river foreca	asts" include	water	supply for	ecasts)				Priority 3 - Yellow	Primary?
8. Quantify th	ne uncertainty of our forecast information									1 - Blue	✓
16. Verify ou	r forecast and uncertainty information									1 - Blue	
P-2007-20	Hydrologic Deterministic Verification (Phase 2)	Herr, Hank	4	Build:	OB8.2	12/20/2006	5/1/2007	12/20/2006		On-trac	k or active
Core Goal 16. Verify ou	r forecast and uncertainty information									Priority 1 - Blue	Primary?

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Core Goal: 17. Provide science and software training on Hydrology Program applications throughout the research to operations cycle

Project ID:	Project Name:	Project Leader:	Stage:	Target Build	Plan Start:		Act Start:	tual End:		ject sition:
P-2007-18 Core Goal	Develop HOSIP Training Plan		1	Build: .	11/3/2006				Idle Priority	Primary?
17. Provide so	cience and software training on Hydrol	ogy Program application	ons throughout	the research to	operations c	ycle			3 - Yellow	✓
19. Improve tl	he efficiency and effectiveness of Hydr	ology Program manag	ement, includir	ng an understand	ling of logisti	cal measures			2 - Green	

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Core Goal:	19. Improve the efficiency and effect	tiveness of Hydrolog	y Program	manag	ement, ir	ncluding an	understanding	of logistical	measure	es	
Project	Project	Project			Target	Plan	ned	Act	ual	Pro	ject
IĎ:	Name:	Leader:	Stage:		Build	Start:	End:	Start:	End:		sition:
P-2005-25	HOSIP Database & Project Support Database Development	Andre, Marylin	4	Build:		3/8/2007	5/16/2007	3/8/2007		On-trac	k or active
Core Goal 19. Improve t	the efficiency and effectiveness of Hydrol	ogy Program manager	ment, includi	ng an u	nderstand	ling of logisti	cal measures			Priority 2 - Green	Primary? ✓
P-2006-03	Characterizing Hydrologic Point Forecasts by SVC Type, Freq & Loc within IHFS	Tilles, Paul	4	Build:	OB8.1	12/20/2006	4/15/2007			On-trac	k or active
Core Goal 19. Improve t	the efficiency and effectiveness of Hydrol	ogy Program manager	ment, includi	ng an u	nderstand	ling of logisti	cal measures			Priority 2 - Green	Primary? ✓
P-2007-18	Develop HOSIP Training Plan		1	Build:		11/3/2006				Idle	
Core Goal 17. Provide s	cience and software training on Hydrolog	y Program application	s throughou	t the res	search to	operations c	/cle			Priority 3 - Yellow	Primary? ✓
19. Improve t	the efficiency and effectiveness of Hydrol	ogy Program manager	ment, includi	ng an u	nderstand	ling of logisti	cal measures			2 - Green	

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Core Goal: 21. Define and coordinate Hydrology Program requirements with other NOAA programs (conductive external project)

Project	Project	Project			Target	Plan	ned	Actu	ual	Pro	ject
ID:	Name:	Leader:	Stage:		Build	Start:	End:	Start:	End:		sition:
P-2006-01	Test Improvements to QPE in the TAR River Basin	Van Cooten, Suzanne	3	Build:		1/10/2007	9/27/2007	1/10/2007		On-trac	k or active
Core Goal 1. Improve th	e quality of physical inputs and forcings, e.	g. QPE, QPF, tempe	erature, snow	v, evapo	transpirat	ion, soil con	ditions, burn da	ata, etc.		: Dispo	Primary? ✓
3. Improve fo	recasts of fast response hydrologic events	including debris flow	N							On-tra Priority 2 - Green 2 - Green	
21. Define an	nd coordinate Hydrology Program requirem	ents with other NOA	A programs	(conduc	tive exteri	nal project)				2 - Green	

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